# **FEATURE ARTICLE INDEX**

Plunkett. R.	I SSUE	PAGES 3-5
Shock and Vibration Instrumentation		5-5
Etter, P.C. Underwater Acoustic Modeling Techniques	2	3-10
To, C.W.S. Random Vibration of Nonlinear Systems	3	3-9
Reddy, J.N. and Chandrashekhara, K. Recent Advances in the Nonlinear Analysis of Laminated Composite Plates and Shells	4	3-9
Rao, J.S. Turbomachine Blade Vibration	5	3-10
Doyle, R.E. On Integrating a Logarithmic or Semilogarithmic Piecewise Linear PSD Plot of a Random Variable X(T): Part I	6	3-10
Doyle, R.E. On Integrating a Logarithmic or Semilogarithmic Piecewise Linear PSD Plot of a Random Variable X(T): Part II	7	3-12
Doyle, R.E. On Integrating a Logarithmic or Semilogarithmic Piecewise Linear PSD Plot of a Random Variable X(T): Part III	8	3-13
Landgraf, R.W. Fatigue and Fracture Mechanics Series: Ground Vehicles	9	3-15
Shetty, D.K. Application of Fracture Mechanics Theory in the Reliability Analysis of Structural Ceramics in Multiaxial Loading	10	3-19
Goranson, U.G. Airworthiness of Long-Life Jet Transport Structures	11	3-14
Triantafyllou, M.S.  Dynamics of Cables and Chains	12	3-5

# LITERATURE REVIEW INDEX

Laura, P.A.A. and M.J. Maurizi	I SSUE	PAGES 6-9
Recent Research on Vibrations of Arch-Type Structures		
Leissa, A.W.  Recent Studies in Plate Vibrations: 1981-85  Part I. Classical Theory	2	11-18
Leissa, A.W.  Recent Studies in Plate Vibrations: 1981-85  Part II. Complicating Effects	3	10-24
Barnhard, J., Vanderploeg, M., and Shannan, J. Recent Developments in Vehicle Dynamics	4	10-16
Sahay, C. and Dubey, R.N. Vibration of Overhead Transmission Line V	5	11-15
ignaczak, J. Linear Dynamic Thermoelasticity: A Survey 1981-1984	6	11-17
Gibson, R.F.  Dynamic Mechanical Properties of Advanced  Composite Materials and Structures: A Review	7	13-22
Liu, Zhiyu  Experimental Studies on Acoustic Emission Monitoring of Crack Propagation in Offshore Structures: A	12	6-17

### **BOOK REVIEW INDEX**

Blake, W.K., <u>Mechanics of Flow-Induced Sound and Vibration: Volume II Complex Flow-Structure Interaction</u>, Academic Press, Inc., Orlando, FL; Reviewed by R.L. Eshleman, SVD, <u>19</u> (5), p 16 (May 1987).

Bloom, J.M., and Ekvall, J.C. (eds.), <u>Probabilistic Fracture Mechanics and Fatigue Methods:</u>
<u>Applications for Structural Design and Maintenance</u>, ASTM Special Technical Publication 798, 1983; Reviewed by K.E. Hofer, SVD, <u>19</u> (8), p 14 (Aug 1987).

Bogdanoff, J.L. and Kozin, F., <u>Probabilistic Models of Cumulative Damage</u>, J. Wiley and Sons, New York, NY, 1985; Reviewed by K.E. Hofer, SVD, 19 (10), pp 20-21 (Oct 1987).

Brown, R.N., <u>Compressors: Selection and Sizing</u>, Gulf Publishing Co., Houston, TX, 1986; Reviewed by R.L. Eshieman, SVD, <u>19</u> (2), p 19 (Feb 1987).

Chang, J.B. and Rudd, J.L., <u>Damage Tolerance of Metallic Structures: Analysis Methods and Applications</u>, ASTM Special Technical Publication 842-1981, 1981; Reviewed by K.E. Hofer, SVD, 19 (1), pp 12-13 (Jan 1987).

Collacott, R.A., <u>Structural Integrity Monitoring</u>, Chapman and Hall, New York, NY, 1986; Reviewed by A. Longinow, H.S. Limaye, G.J. Klein, and D.F. Meinheit, SVD, <u>19</u> (12), pp 18-19 (Dec 1987).

Collar, A.R. and Simpson, A., <u>Matrices and Engineering Dynamics</u>, John Wiley & Sons, Inc., New York, NY, 1987; Reviewed by R.L. Eshleman, SVD, <u>19</u> (6), p 18 (June 1987).

Dawe, D.J., Horsington, R.W., Kamtekar, A.G., and Little, G.H. (eds.), <u>Aspects of the Analysis of Plate Structures -- A Volume in Honour of W.H. Wittrick</u>, Clarendon Press, Oxford, 1985; Reviewed by A.W. Leissa, SVD, <u>19</u> (9), p 16 (Sept 1987).

Elishakov, I. and Lyon, R.H., <u>Random Vibration -- Status and Recent Developments</u>, Elsevier, Amsterdam, Netherlands, 1986; Reviewed by R.A. Ibrahim, SVD, 19 (7), pp 23-24 (July 1987).

Gaylord, E.H., Jr. and Gaylord, C.N. (eds.), <u>Structural Engineering Handbook - Second Edition</u>, McGraw Hill Book Co., New York, NY, 1979; Reviewed by R.L. Eshleman, SVD, <u>19</u> (2), p 19 (Feb 1987).

Green, N.B., <u>Earthquake Resistant Building Design and Construction</u>, <u>Second Edition</u>, Van Nostrand Reinhold Co., inc., 1981; Reviewed by J.P. Moehle, SVD, 19 (10), p 20 (Oct 1987).

Gupta, P.K., <u>Advanced Dynamics of Rolling Elements</u>, Springer-Verlag, New York, NY, 1984; Reviewed by R.L. Eshleman, SVD, <u>19</u> (1), p 12 (Jan 1987).

Junger, M.C. and Felt, D., <u>Sound, Structures, and Their Interaction</u>, MIT Press, Cambridge, MA, 1986; Reviewed by R.L. Eshleman, SVD, <u>19</u> (3), p 25 (Mar 1987).

Muller, P.C. and Schiehlen, W.O., <u>Linear Vibrations</u>, Martinus Nyhoff Publishers, Dordrecht, Netherlands, 1985; Reviewed by R.L. Eshieman, SVD, <u>19</u> (1), p 10 (Jan 1987).

Piszczek, K. and Niziol, J.; <u>Random Vibration of Mechanical Systems</u>, Ellis Harwood Ltd., Chichester, England, 1986; Reviewed by R.L. Eshleman, SVD, <u>19</u> (5), p 16 (May 1987).

Schmidt, G. and Tondi, A., <u>Nonlinear Vibrations</u>, Cambridge University Press, Cambridge, England, 1986; Reviewed by R.A. Ibrahim, SVD, <u>19</u> (4), pp 17-18 (Apr 1987).

Shigley, J.E. and Mischke, C.R., <u>Standard Handbook of Machine Design</u>, McGraw Hill, Inc., New York, NY, 1986; Reviewed by R.L. Eshleman, SVD, <u>19</u> (6), p 18 (June 1987).

Williams, M.L. and Knauss, W.G. (eds.), <u>Dynamic Fracture</u>, Martinus Nijhoff Publishers, Hingham, MA, 1985; Reviewed by K.E. Hofer, SVD, <u>19</u> (11), pp 15-16 (Nov 1987).

Yang, C.Y., Random Vibration of Structures, John Wiley & Sons, New York, NY, 1986; Reviewed by A. Longinow and J. Mohammadi, SVD, 19 (1), pp 10-12 (Jan 1987).

### **AUTHOR INDEX**

Abarou, S 1728	Allael, D 887	Arsalane, D 1502
Abbas, B.A.H 67	Allaire, P.E 452, 639, 645	Arvanitis, S.T 977
Abdel-Ghaffar, A.M 1387, 1388	Allard, D.J	Arya, A.S
Abdel-Haf Iz, E.ED.A 213	Allemang, R.J	Asami, T
Abdel-Rahman, S 2071	Allen, D.H	Asano, T
Abdel-Rohman, M 794	Allen, H.G	Asatu, S 822
Abdul wahab. M 435	Allen, H.W 1770, 2119	Asghar, S
Abdul-Karim, M. A. H 325	Allen, J.M	Ash II I P.R 1616
Abe, M 1045, 1069	Al mas, E. M 629	Ashley, H 419
Abed1, H 960	Al-Ghothani, A.M 877	Asmussen, 1
Aboel naga, Y 1598	Al-Noury, S	Asnani, N.T 873, 888, 1900
Abouaf, M 769	Al-Qarra, H.H	Asorakos, S
Abou-Hanna, J.J 647	Al-Saggaf, U.M	Aspinal I, D.T
Abramow Icz, W	Al-Shareedah, E.M 1018	Aspragathos, A
Abul-Azm, A.G	Amada, S 656, 657, 1891	Astapov, 1.S
Abu-Arja, K.R 710	Amatucci, V.A	Astley, R.J
Abu-Farsakh, G 1492	Amin, A.M 508	Atanackov Ic, T.M
Abu-saba, E.G 994	Amini, F 2105	Atatekin, 1.S 76
Achache, M 1198	Amirbayat, J 84, 85	Atkins, A.G 893
Adair, R.G 133	Amirouche, F.M.L 1994	Atkinson, G.M 1303
Adam, G 34	Amore, L 297	Atluri, S.N
Adams, G.G 1184	Amram, M	August, R 45
Adams, M.L	Anagnostides, G 471	Aur lault, J.L 1506
Adams, R.D 315, 495	Ananthanarayana, N 1835	Austin, M.A 2001
Addy, A.L	Anastasi, R.F 2098	Austin, S.A 2299
Adel i, H 508	Andersen, J 1460	Au-Yang, M.K
Adelman, H.M 1628	Anderson, J.C 1586, 1998	Avanessian, V
Adeniji-fashola, A.A 1694	Anderson, M.R	Awrejcewicz, J 828
Adin Mann, J., 111 908	Anderson, M.S 1139, 1971	Ayabe, Takashi 996, 1906
Aebischer, H.A 871	Anderson, R 557	Ayers, G 2122
Afol abi, D	Anderson, W.L	Azegami, H
Agarwal, R.K	Andersson, S	Az imi, S
Agneni, A	Andrews, G.C557	Az uma, A 1199, 1383
Agrawal, 0.P 1711	Ang, A.HS	Azzouz, A.S
Aguirre R., J	Angel es, J	Baade, P.K
Ahmad, M	Angel I, F	Babcock, C.D 889, 1065
Ahmad, S	Angelo, M 1535	Baber, T.T 351, 554
Ahmadi, G	Annamalai, M	Babu, C.R 1163
Ahmadi, G	Antes, H	Babuska, I
Ahmed, I	Antkowiak, B.M	Bachrach, W.E
Ahmed, K	Aovama. T	Bachschmid, N
Ahuja, K.K	Apetaur, M	Badal, J
Aida, S	Apsel, R.J	Badrakhan, F
Alello, R.A	Arafa, H.A 1445, 1878	Bae, Dae Sung
Aindow, A.M	Arai, F	Baeder, J.D
Akagawa, K	Arakawa, K	Bagdoev. A.G
Akao, F	Araki, Y	Bagl In, K.P
Akay, A350, 1087, 1705	Aranuvachapun, S 1925, 1926	Bahgat, B.M
Akhter, G.F	Araya, R	Bahniuk, D
Akkari, M	Arbocz, J	Balley, P.A 813
Aksel, B 583	Archard, J.F	Bailey, T 1862
Aktan, A.E	Arczewski, K 779	Bally, R.D 1292, 1293
Al am., N	Arlaratnam, S.T	Balal, A.K 1143, 1430
Al anol y. J	Ar Imond, J	Bajer, C.1 577, 2300
Al aw I, H	Armand, JL	Bajkowski, J 945
Alay lioglu, A	Arndt, R.E	Baker, J.P 528
Alaylioglu, H	Arocki asamy. M	Baker, W.E 889
Alberts, T.E	Arora, J.S	Bakr. E.M 345, 1167, 1881
Al I. R	Arpaci. A	Bal as. C 2077, 2078
Al judi, A.A.R	Arroyo. V	Balasubramanian, P 788, 1803
•,	, ,	

Balasubramonian, A 1429	Bently, D.E 334	Bouchon, M
Balch, C.D 1449	Benton, S 1626	Boul eau, N
Baldwin, R.M 58	Bergan, P 2133	Bournazel, C.L 2022
Bal endra, T 983, 1243	Bergh, H 2031	Bourne, F.R 1666
Ballo, 1 804	Berghaus, D.G 520	Bov Ik, P 716
Banda, S.S 493	Berman, A 1215	Bow I by , W
Bandrowski, J.C 276, 1652	Bernard, J 988	Bowles, J.V 1218
Bandyopadhyay, U 478	Bernhard, R.J 1140, 1352	Bow man, M.D
Baner Jee, B 97	Bernier, A 1648	Boyce, L 18
Banerjee, J.R 1139	Bernstein, H.L 1369	Bradfleld, C.D 1869
Banerjee, P.K 543	Beroza, G.C 980	Bradford, M. A 667
Banks, H.T 1168, 2288	Berry, D.T	Bragg, M.B 1397
Banks-Sills, L 1106	Berry, J.D 2193	Brahney, J.H 1653
Bannerman, D.C	Bert, C.W 178, 2066	Braibant, V 399
Bao, D	Bertero, V.V 1811, 1998	Brandon, J.A 2116
Bapat, C.N	Berthe, D 2208	Branger, H 767
Baratta, F.1	Berthler, P 1227	Brannon, H.R 1927
Barbat, A.H	Beskos , D. E	Branstetter, L.J 357, 920
Barber, J.R	Best, J.T 1819	Brase, J.M 2251
Bardell, N.S 706, 1913	Beyers, M.E	Braudel, H.J
Barenberg, E.J 984	Bey†schko, T	Braun, S.G 1874, 1974
Baretta, G.P	Bhat, R.B 954, 1229, 1247	Bravo Yuste, S 1557
Barker, H.A	Bhat, S.U	Bremand, P829
Barnes, C.R	Bhatia, S.P	Bremer, H 1875
Barr, A.D.S 72, 1324	Bhattacharya, S	Brenler, B
Barrett, L.E 1643	Bia, C 2181	Brenneman, B
Bartel, T.W 913	Bialkiewicz, J	Bressler, M.M 2094, 2095
Barthelemy, JF.M	Bickford, W.B	Bretz, T.E
Barton, D.C 1192	1332, 1715	Briassoulis, D 697
Baruh, H 146	Blelak, J 472	Briggs, H. C
Basue, S 784	Binder, R 222	Britten, D 1840
Bates, A 1751	Birlik, G.A 1278	Broek, D 902
Bathe, KJ 751, 1720	Birman, V 618, 1244	Brommundt, E 277
Batista, R.C 1259	1248, 2066	Brooks, P 182, 560
Bau, H.H 723	Bishop, S.R 2020	Brooks, P.C 1333, 1334
Bauchau, O.A 144	Bitting, R.L 1702	Broszelt, R 2033
Baudron, A.M 1152	Blackstock, D.T 1144, 1935	Brown, D.L 673
Bauer, H.F 574, 1493	1938, 2271	Brown, G.V 1410, 2204
Baxter, N.L 2005	Blakenship, G.L 2179	Brown, J.D 538, 964
Bay ada, G 1024	Blaney, G.W 18, 1269, 1270	Brown, R.D 253
Bayard, D.S 587	Blasius, J.E 1839	Brown, W.H 616
Bay 11s, E.R 477, 682	Blazynski, T.Z 1889	Bruch, J.C., Jr 1450
Bayo, E.P 197	Blech, J.J	Brückner, A 2127, 2130
Baz, A 1665	Bless, S.J 239	Brun, R 766
Bazan, E 472	Blevins, R.D 314, 2094, 2095	Bry lawski, E 232
Beatty, P.A 462, 664	Bl Inka, J.J 2102	Brynich, J 2152
Becht, C., IV	Boatwright, J 1956	Buch, A 563
Beck, C.J., Jr 218, 1366	Bocharov Y. A	Buck, 0 2237
Beck, J.L	Bodner, S.R 1764	Buckholz, R.H 451, 1025
Beckmann, H 1927	Boehme, W 2259	Bucknall, C.B 1729
Bedew I, N. E	Bof Il los, D.A 489, 1494	Budweg, H.L
Beer, G 1584	Bogdanoff, J.L	Buhariwala, K.J 381, 510
Behl, F 373	Bogy, D.B 454, 455	Bullmore, A.J 2124
Beler, T.H	1717, 1718	Burdess, J.S 1680
Beiner, L 1909	Bohlen, S 346	Burdisso, R.A 602, 603
Bellani, P.X	Bohner, J.J	Burger, C.P
Bellet, D 1502	Bohse, J	Burger, R.W
Belotserkovskly, A.S 2265	Bol ds. P.G	Burkhard, A.H
Bel tzer, A.1	Bol leter. U	Burley, C.L
Belytschko, T 92, 1090	Bolton, J.S 374, 375	Burrel I, N.K
	Bonnet, G	Burrows, C.R
Bement, L.J	Bontoux, P	Burton, M
Benaroya, H	Boòker, J.R	Burton, T.D
Bendat, J.S	Boore, D.M	Busby, H.R161, 391, 939
Bender, M 1008		
Bendiksen, 0.0	Booser, E.R 1424	Buschmann, M
Benner, J	Borino, G	Busch-Vishniac, I.J
Bennett, W.H	Bostan, 1.A	Busse. D.W
Bennighof, J.K 814, 987, 1766		Butier, T.A
Bensalah, M.E	Bostic, S.W	
Benson, D.J		Butler, T.G
Benson, R.C	Bouc, R	Buxbaum, S.R
Dailson, 1000000000000000000000000000000000000	Decorar U, D	Dunbumi, Jefferson 111

Byatt-Smith, J.G 1128	Chaudhary, A.B	Chung, Y.K 29
Caap, P 79	Chawla, S.S 1464	Church, S. M 2219
Caccese, J 2174	Chehil, D.S 1883	Church III, J.E 1789
Cacko, J	Chel I. F 719	Chwastyk, T.F
Cagan, J 700	Chellapandi, P 576	Cifuentes, A.O 573
Cal, Guoqiang552		
	Chen, A.T 581	Citerley, R.L 1910
Cal Iglana, G 2115	Chen, Cheng-Hsing 582	Clark, A.V 1078
Çal İşkan, M 835	Chen, C.J 1983	Clark, G.A 398, 2251
Calistrat, M.M 2049	Chen, CK 627	Clarkson, B.L 311
Calkins, D.E 724	Chen, Fada 844	Clastornik, J 1668
Camarda, C.J 2153	Chen, G569, 1145, 2180	Claus, R.W 2275
Campana, E 890	Chen, J 2202	Clech, J.P
Candir, B 623	Chen, J.C 2303	Clifton, R.J
Carlson, R.L 488, 1914, 2230	Chen, Lien-Wen	
		Clough, R.W
Carl sson, P	Chen, LW	Oochran, J.E 2228
Carney, J.F., 111	Chen, P.C 691, 1077	Offin, L.F 160
Carpenter, N 1090	Chen, R.J 1155	Ohn, L.F 1540
Carpenter, N.J 693	Chen, R.T.N 1200	Cohn, M.Z 1103
Carsten, 0 2192	Chen, Songg 1 247, 635	Ophon, J.L
Casarella, M.J	Chen, Tsyr-Jang 2079	Onite, R
Casey, N.F	Chen, Wanji 2304	Cole, P.T 715
Cassentl, B.N		Collegrave, R.K
Castellani, A 499, 1596	Chen, W.C	Ooleman, R.G
	Chen, W.F	
Catlin, J.B 1284	Chen, W.J 1657	Comninou, M
Caughey, T 2202	Chen, Y 187	Conning, S.W
Caulk, D.A 1490	Chen, Y.N 1608	Connon, W.H., 111
Causevic, M. S 1169	Chen, YH 1233	Constantinescu, V.N 1026, 2206
Caw Ley, P 335, 2252	Cheng, C 770	Constantinou, M.C 2174
Cel ep, Z 1982	Cheng, C.Y.R 1141	Contractor, D.N
Cempel, C	Cheng. F.P	Cook, N.E., Jr
Cermak, J.E	Cheng, L.Y 1986	Cook, R.D 2146
Cha, J.H 2096	Cheng, W 48	Cooper, J.A 999
Chajes, A 1789	Cheng, Y.P 765	Coppol Ino, R. N 340
Chakraborty, T 2128	Chenot, J.L 769	Orey, C.A 2006
Chambat, M 1024	Chenoweth, H.B 1119	Corless, M.J
Chambless, D 234	Chenoweth, J.M 1723	Corley, J.E 1351
Chambless, D.A 1480	Cheong, Hin-Fatt 1894	Cormier, V.F
Champion, E.R	Cherry, J.T	Corotis, R.B 1685, 2296
Chandler, A.M 604, 1567, 1589	Cherry, R.C	Ortinez, V.H 481, 548, 1253
Chandra, B		1662, 1880, 2211
	Chesneau, C	0-1-11- 11 1477
Chandra, P 1646	Chester, D.H	Costel Io, H
Chandran, K.B 1983	Chester, W 1916	Coulter, B.A 77
Chandrasekaran, A.R 774	Cheung, Y.K 1181, 2304	Coussy, 0 1527
Chandrasekaran, N 961, 1343	Chia, Chuen-Yuan 1688	Coutinho, A.L.G.A
Chandrasekharalah, D.S 1519	Chiba, M 698, 699	Coutris, N 1478
Chandrashekhara, K 1096	Chien, A.Y 789	Cow les, B.A 1412
Chang, Chengsong 205	Chieslar, J.D 382	Cow ley, A 910
Chang, F.C	Childs, D 1048	Coy, F.K
Chang, Hanfu	Childs, D.W 280, 849, 1050	Coy, J.J 1823
Chang, H	Chivers, R.C	Cralg, J.1
Chang, H.T	Chol, YS 1876, 2272	Craig, R.R., Jr 2117
Chang, 1C 1202	Chonan, S 470, 1697	Crandall, S.H
Chang, 1J	Chopra, A.K 10, 16, 415	Crawley, E.F 244, 498, 512
Chang, 1K 2205	1127, 1135, 1813	Crema, L.B 496, 499
Chang, K.Y 922	Chopra, 1	Crespo da Silva, M.R.M 53, 54
Chang, R.J 1561	Chovjka, V.J 1937	Creus, G.J 233
Chang, Shangchow 897	Chow, L.C 1698	Orews, J.H 1054, 2236
Chang, W.P 878	Chow, Slu-Lun	Crispino, D.J 95
Chao, J.C	Chow, Y.K	Crool Jmans, M.T.M
Chao, K.Y 2034	Choy, F.K	Crook, M.J
Chao, P 924	Christiansen, P.L 1908	Crouse, C.B
Chapman, J.M 2218, 2302	Christides, S 72	Cruse, T.A 1146
Chappel I, B.A 1271	Christie, G.W 1615	Cruz, E.F 10
Charlie, W.A 1312, 1313	Chryssostamidis, C 1678	Cummings, A 81, 1524
Charmahini, R.G 2305	Chu, A 1210	
Chase, D.M	Chu, F.H	Cunniff, P.F 545
Chattopadhyay, A	Chu, P.C	Cur am i, A
Chattopadhyay, A.K	Chua, K.H	Curioni. S
Chaturvedi, S.K	Chul, Y.H	Curtis, A.J
Chau F.P 1569, 2026	Chul ya, A 1788	Curtis, A.R.D
Chaudhuri, R.A 710, 1477	Chung, Chin-Ki	Curtis, F
1576, 2143	Chung, K.R 948	Curtiss, H.C., Jr 1201

	And the second s	
Cuschieri, J.M 210, 1245	DeVore, C.R 383	Duke, J.C., Jr
Cutchins, M. A 2228	Dewhurst, R.J 999	Dullenkopf, K
Cutler, A 1287	DeWispelare, A.R	Dum Ir. P.C 300
Cutts, D.G 130	Dhalla, A.K 1299	Dumpleton, P
Cyr, G.J 1689	DI Blasio, A 103	Duncan, J.M 1348
da Silva, F.P 629	Di Sciuva, M	Dunn, I.P 37, 1842
Dadfar, M.B	Diana, G 719, 729	Dunn, S. E 1245
Dal, Chang-Wang 859	Diaz Bejarano, J 1557	Dupperray, B 506
Dal, Yingrong 594, 595	Diaz del Valle, J 580	Durling, B.J 1139
Daliriva, F.D	Dick, R.D 127	Dwelb, A.H 2297
Daněk, 0 940	Dickerson, J.R 1114	Dyer, 1 2241
Daniel, B.R 1757	Dickinson, S.M 103, 1252	Dyka, C.T 555
Daniel son, D.A 1667	Diei, E. N 2111	Dyne, M.D.C
		D'Eleuterio, G.M.T 726
Darlow, M. S 1742	Dieterman, H.A	
Darmon, P 684	Dietrich, D.E 384	Eastep, F.E 23
Darvall, PLeP 1597	Dietrich, R 22	Eatock Taylor, R 1609
Darwin, D 64	Dietzen, F.J 852, 2064	Ebara, K 1377
Das, S 1556	Diez, E 234	Ebecken, N.F.F
Das-Gupta, D.K 2098	Diken, H 659	Ebihara, T
Dat. R	Dimarogonas, A.D 1634, 2065	Ebner. F 204
		Eckert, L
Datta, B.K 714	Dimofte, Fl	
Datta, S.K 1189	Dincă, F 2077, 2078	Eckstein, U 1091
Datta, T.K 1066, 1193	Ding, Y 283	Eckstrom, C.V
Davern, W.A 37, 1539	Di Tol Ia, R.J 947	Edberg, D.L 419
Dav Id, J.M 158	Dittmar, R 1860, 2231	Eeri, M 2256
Dav Idson, C. A	Dixon, M.W 1666	Elber, A 377
Day le, N	Djukic, Dj. S 1465	Eichenlaub, J
Davies, H.G 946	Dobry, R 1185, 1186	Eldel, W
Davies, P 937	Dobson, B.J 740, 1744	Ellouch, M. N. A 150
Davis, D 1758	Doedel, E.J	Elnay, 0 1106
Davis, L.P	Doehring, D.O	Elsenberger, M 606, 1668
Davis, M.R 1810	Doggett, J.W	Elsler, E.A 535
Davis, S.S	Dohner, J.L 1352	Ejsmont, J.A 1544
Davison, D 924	Dokumaci, E 284, 1234	Ek, L 879
	Dolbec, A.C	Ekambaram, R
Davood1, H		
Davy, J.L 1842	Dol hof, V 2037	Elber, W 703
Dawson, P.R 1724	Dom Iny, J 460	Elchurl, V 561
Day, S.M 1996	Donato, A 2134	El fek1, S.H 2164
		El gamal, AW.M 1387, 1388
De Choudhury, P	Done, G.T.S	
de Koning, A.U 124	Dong, S.B 1575	El Ishakoff, I 1244, 1911
de Kraker, A 585	Donham, R. E 1404	El I ingwood, B 785
De Meersman, C 530	Donnelly, J 984	Elliott, S.J 2124
de Mey, A	Donnelly, R.P	Ellis, J 1016, 1427
de Mul, J.M	Doong, Ji-Liang 1249, 2079	Ellis, R.M
de Silva, C.W 521, 538	Dornfeld, D.A 2111	El Madany, M. M 805
1625, 1857	dos Reis, H.L.M 1917, 1918	Elmer, K.~H
De Vis, D 188	Dossing, 0 917	Elsaie, A.M
DebChaudhury, A	Dowding, C.H	El sworth, D 578
Dechaumphai, P 962	Dowell, E.H 68, 70, 1354	El yada, D 1065
Decha-Umphai, K	1573, 1984, 2137	El-Azhari, S.A 291
Deck, J.F 1437	Downey, H.A., Jr 1717, 1718	El-Chazly, N.M
Dederman, D.A 1148	Doy le, J.F 718, 1455	El-Laithy, H.M 221
Deepak, D 1835	1479, 1578	El-Raheb, M 701
Deese, J.E 1403	Doy le, R.E 1563, 1772, 1999	El-Sharkawy, A.1
Def II ippi, M	Drake, M.L 539, 1611	El-Sibale, M. A 1684
Deleuterio, G.M.T	1612, 1613	El-Tahan, H
Del santo, P.P 1078	Drechsler, J	El-Zahry, R.M 200
Del uca, D.P 1412	Dressler, L 1000	Ema, S 106, 107
Demany, L	Drew, J.J 1960	Emile1498
den Boef, R	Driver, D.M	Endo, M
Denice, M., Jr 450	Droin, L 1937	Engel brecht, J
dePater, A.D 1208	Du, 1 872	Engels, R.C 2276
Derbal lan, G 191	Du, I.H.Y 1491	Engel stad, M.J
Derlat, E 1508	Duan, Z.P 2103	Engleman, M. S 2150
Desal, C.S 1272	Dubey, R.N 1501	Enochson, L
Desanti, A 158	Dubowski, D.G 740	Epstein, H.I 727
Deshpande, A.G 1687	Dubowsky, S 1437	Erasmus, P.J 2040
DesRochers, C.G 1619	Ducharme, E.H	Ercoll, L 481, 1079, 1451
		LOTT, L 401, 10/9, 1491
Dessouki, A.K	Dudderar, T.D 1780	1481, 2081, 2211
Detsch, F.E 1860	Duennebler, F.K 933	Erdman, W 1201
Devis, B 530	Duggan, T.V 564	Erdogan, F 490, 583, 1089
DeV ita, V	Duke, J.C 502	Ericsson, L.E 1194, 1817
	,	,,,,

Eriksson, A 1344	Fleck, N. A 1156	Geisler, 0 2033
Ernst, A 2196	Fleeter, S 1818	Gengdong, C 1126
Ernst, M. A 2047	Flesch, R	Genna, F 74
Ertas, A 1392	Flowers, K.D 1945	Gentle, C.R 1655
Ertepinar, A 290	Fluger, M 1815	Geradin, M 465
Ervin, R 433	Focke, A.B 1	Gerlach, A.A
Eshleman, R.L 534, 2014	Fok, Ka-lun 16, 415, 1135	Gerstle, K.H
Esping, B. J.D	Folley, S 896	Gerstle, W.H
Etsion, 1	Folk, R 416	Gesdorf, E.J 1027
Etter, P.C 965	Fong, I.K 1150	Gessner, F.B 1681
Eustace, R.H	Forster, N.H 650	Gethin, D.T 1036, 1425, 1790
Evans, M.J	Fow ler, B.L	Geustyn, L.C
Everett, L.J	Fox, S 1220	Ghal 1, A 382
Eversman, W	Franciosi, C 676	Ghal Ib, S.A 1158
Ewins, D.J 162, 771, 1116	Frarey, J.L 535, 1285	Ghamedy, H.N
Faas. W.R 466	Frater, N.K 360	Ghaz av 1. A
Fabrikant, V.I	Fredriksson, B 173	Ghosh, A.K 1497
Fages, A	Fredsoe, J	Ghosh, D
Fahy, F.J 1328, 1690	Frei, A 852	Ghosh, D.P
Fairbank, D 2108	Freudenstein, F 627, 720	Gibbs, B.M 1080
Falco, M 845	Freund, H 376	Glbbs, J 523
Falk, F 1930	Friberg, 0 1157	Glbson, R.F 503, 504, 1731
Falk, R.H 1730	Friebe, H 2007	Glers, Dipl 842
Faller, G 677	Friedmann, P.P 1203	Glibert, J.A
Fancher, P.S 2192	Friesel, M.A 35	Glibert, R.P 2089
Fang, M.C 30, 1603	Froncioni, A 359	GIIIIs, P.P 862
Fang, T 1354, 2137	Fryer, G.J 933	Ginsberg, J.H 2267
Fansler, K.S 741, 743	Fujihira, T 1393	Ginsburg, S 742
Fanson, J 2202	Fujli, H 106, 107, 331	Glel sv lk. A 1699
		Gladwell, G.M.L
Fanson, J.L 2160	Fujii, T 894	
Farabee, T.M 128	Fujino, M 1019	Glaretas, C 2242
Farhat, C 389, 2306	Fujioka, T 674	Glaser, R.J 921
Farmer, L.E 1111	Fujita, K 1147	Glockner, P.G 1073
Farnham, G.D 2226	Fujiwara, Y 1472	Goforth, R. E
Farris, T.N	Fukuda, T 613, 2019, 2045	Gogu. G.1
Fasanella, E.L	Fukuoka, K	Gold, E 374, 375
Fash, J 2260	Fukuoka, S	Golden, J.M 1110, 1520
Faulkner, M.G 598	Fulton, R 1992	Goldman, R.B 1917, 1918
Fawcett, J.N	Fulton, R.E 1134, 1969	Gol dman, S 2112
Fearon, W.W 242	Funabash1, H 52	Gol Ley, B. W
	Furukawa, Tomoyoshi 2046	Gonçal ves, P.B
Felk, R.A 928		
Feldmann, J	Gad, E.H	Gong, Hansheng
Fenech, H 155	Gade, S 1528	Gooding, A 2150
Feng, Guan-ping 832	Gadefelt, G.R 1944	Gopalakrishna, H.S 385
Feng, N. S 1013	Gal ef, A 808	Gordon, J 924
Feng, T 601	Gal ef, A.E 923, 1298	Gorman, D. J 479
Feng, W.Q 725	Gal etuse, S	Goslewski, Z
		Goto, M
Feng, Y.S 1149	Gal houd, L.E	
Fenton, R.G 1256	Gallego-Juarez, J.A 1485	Goto, T
Fenves, G 1127, 1813	Galletly, G.D 1574	Gottlieb, H.P.W 73, 112
Féret, J.J 2022	Gal ster, D.L 2050	473, 871
Ferguson, G.L 1315	Ganapathy, S 1376	Gould, P.L 26, 1237
Ferguson, N.S	Ganesan, N	Goy a. M
Ferguson, S.D		Goz dawa, R.J
Ferguson, S.K	Ganesan, S 1536	Graham, G.A.C 1110, 1520
Ferraris, G 829, 1227	GangaRao, H.V.S 567	Gray, N. C
Fersht, S.N 450	Garcelon, J	Gray hack, W.T
Feuchte, B 1808	Garcia, A 1541	Grebner, H 1610
Ficcadenti de Iglesias, G.M., 1692	Garcia, F 1048	Green, G.A 463
Filipich, C.P 1662, 1880	Gardos, M. N	Green, 1
2060 2266		Green, W.A 477, 682
2068, 2266	Garner, S.B	Crosses C M 477, 002
Finch, R.D 1536	Garnier, J.C	Gregorek, G.M
Finkel, J.I 384	Gasparetto, M 719	Gregory, D.L 920, 1148, 1329
Finn, G.A 1949	Gasparini, DA 795	Gregory, F.H 1702
Firoozian, R	Gates, S. S	Greif, R 586
Fischer, U 1550	Gaul, L	Grice, W. A 1700
Fisher, B 1843	Gay lard, M. E 1532, 1533	Griffin, D.S
Fitnest lek   A		
Fitzpatrick, J.A	Gazetas, G 1185, 1186	Griffin, J.H
FitzPatrick, P 896	Geary, W	Griffith, B.J
F1tz-coy, N.G 2228	Geer, J.F 431, 2141	Griffith, R
Flack, R.D 270, 1428	Geers, T.L 615, 744	Griffiths, 1.D 1741
Flanagan, D.P	Gehling, R.N 420, 589	Grigoriu, M
-3,		-

Grossi, R.O 1701	Hansen, E.A 1460	Herman, R.H 2180
Grote, P 2260	Hansen, E.C 1211	Hermans, A.J
		Herrmann, G 568
Grover, A.S 880	Hansen, J.S 381, 510, 1239	
Groza, G 2182	Hanson, F.B 944	Herrmann, K 2052
Grue, J 31	Hanson, R. A 1438	Hershfeld, D.J 750
		Heshmat, H
Grunwald, G 2178	Hara, F834, 1495, 1888	
Grünwald, R 2038	Hara, T 556, 1777	Hestermann, R 1859
Grzebleta, R.H 860	Haranath, S 790, 791	Hew Itt. R.L
Gu, R.J 772	Hardin, J.C 1010	Hey len, W 1752
Gu, Shaobo 594, 595	Hardy, C 1457	Hey wood, J
Gudmundson, P	Harik, I.E 89	Hieber, G.M 942
Guha, S.K 640	Harral, B.B 1405	Higashihara, H 2172
Gul, X.G 2216	Harris, F.R 1985	Higuchi, H 2106
		Higuch I, J 2132
Gulbert, J.P 227	Harris, H.G 2174	
Guile, R 896	Harris, R.A 1540	HIII, D.L 1898
Gul raud, JP 1508, 1509	Harris, R.W 1746	HIII, R. S 298
Gumpert, W	Harrison, A 439	Hillarby, S 329
Gunter, E.J 515	Harte, R 1091	Hindson, W.S 1200
Gunter, W.E 515	Hartel, R 337	Hinga, S 402
		HI ramatsu. T 759
Gupta, A.D 1702	Harten, A 2277	
Gupta, B.K 263	Hartman, G 1001	H1 rano, A 1735
Gupta, B.V.R 579	Hartmann, F 546	Hirano, Y 906
Gupta, D.C 886	Hasegawa, E 93, 630, 1704	Hiraoka, S 903
Gupta, I.N	Hasegawa, H	Hirota, M 26
Gupta, K 600, 816, 1409	Hasegawa, M	Hisa, S 822
Gupta, K.K 941	Hashimoto, F	Hizume, A 331, 851
Gupta, P.K 650	Hashimoto, H 255, 256, 1642	Hjelmquist, E 1691
	1759, 2058	HI av áč. Z
Gupta, U.S 686		
Gürgöze, M 41, 66, 1669	Haskard, M.R 436	Hoch, P.G 651
Gusarov, A.A 833	Hasofer, A.M	Hodge, P.G., Jr 193
Güth, W 1915	Hassen, H 1312	Hodges, D.H53, 54
Gutlerrez, R.H 65, 1253	Hasslinger, H.L 1340	1217, 1667
1706, 2081	Hata, T 702, 1936	Hof e, R.V 2028
Guy, K.R 2109	Hatakeyama, K	Hogfors, C
Guy, R.W 1279	Hatanaka, R 958	Hők, B 236
Guyader, J.L 1703	Haug, E.J 164, 186, 442	Hol cm an, 1
На. Ј.Ү 1176		Hol comb, D.J
	443, 444	
Haas, D.J 1791	Haugen, G.R 2198	Hol ford, K.M
Haber, S 641	Haupt, A 2280	Hollis, P.J 257
	Hadding the state of the state	
Häbich, J 281	Hav I (ček, J	Hollowell, R 896
Hadaegh, F.Y 587	Hay ama, S 80, 1378	Holý, J 2166
Haddow, J.B 2135	1834, 2076	Honda, T 248
		Hollud, 1
Had1, M.M	Hay ash i, H	Hong, C.A 1159
Had [ ] an , A. H 1745	Hay ash i, 1	Hong, Seung Ho 827
Haftka, R.T 1101, 1628, 2153	Hayashi, T 248, 636, 1884	Hong, Y. S 28
Hagan, J.C 1820	Hayduk, R.J 1617	Hooke, C.J 258, 1861
Hagedorn, P 660	Hay ek, S. I	Horban, B 1892
Haggblad, B	Hayes, J.R., Jr 1812	Hori, Y 259, 262, 264
Hahn, E.J 1013	Hay ward, G	634, 661
Hain, R.F 1345	Hazell, C.R 301	Horie, M 52
Haisler, W.E 1343	He, G 1897	Horita, Kunihiko 694
Haisty, B.S	He, J 162	Hosaka, H
Hakansson, B	Heaps, C.W 743	Hosh Ino, A 626
Hall, J.F 1135	Hearle, J.W.S 84, 85	Hosh iya, M
	11-66 0 1/	
Hall, L.C 241	Hebbar, S.K 1659	Hosogai, H 2019
Hallauer, W.L., Jr 1101	Heberling, C.F., 11	Hosokai, H
Halle, H 1723	Hecht. S 1000	Hosokawa, Y 1472
Hai Iquist, J.O 761, 1153, 2144	Hedgepeth, J.M 421	Hosoya, A 43
Ham, N.D 1204	Heeren, T.A.G 585	Houle, S 1457
Hamdan, M. N 347	Heerens, W	Houlston, R 1250, 1619
		100131011, 10
Hamdl, M.A 1988	Hegaz y, A.A 1889	Howard, 1.M 1414
Hamilton, J.F 246, 293, 445	Heil, J 1002	Howe, M.S 1399, 1899
Hamm I††, F.G 875	Helman, M.S 1430	Howell, G.P 172
Hammond I V 763 077		
Hammond, J.K	Heller, R.A 426	Hoyniak, D
Hamrock, B.J 2209	Henneke, E.G 502	Hrovat, D 1336
Han, D.J	Henning, S.J 538	Hruška, J 2097
Han, P.S 1469, 2145	Henricks, W 925	Hrynlewicz, Z 1734
Hanach I, S 720	Henshaw, W.D 2278	Hs1 ang, WB 1104
Hanagud, S 765	Henson, G 1212	Hs1 ao, B.T
Hancock, S 924	Heo, H	Hs1 ao, Kuo-Mo
Hanin, M 1815	Heppler, G.R 183, 184, 1239	Hsieh, JC 1327
Hanks, P 393	Herczynski, A 416	Hsu, MK
	not on youth the seed of the seed of the	nous in house the training the training training

the thetekana PAT	1 0 11	
Hu, Haichang 547	lp, CU	Jesw let, J
Huang, N. E 799	Irretier, H 597	Jewell, R.E 448
Huang, S. C 1714	Isaacson, M 1604, 1605	Jey ach andrabose, C 1251
Huang, T.C 725	Ishida, K 792	Jha, V.K 954
Huang, Wen-Hu 209	Ish Ida, Y 1444	Jiang, B.L 1952
Huang, X 2146	Ishigai, S 1920	Jlang, J.K 396
Huang, YG 1072	Ish11, S 1240	Jlang, Shuxun
Hubbard, H.H 981	Ish I kawa, K 1120	Jin, Dewan 205, 517
Hubbard, J.E., Jr 1862	Ismall, F 2069	Jinnouch 1, Y 1012
Hubbard, M 1336	Issa, M.S 1452, 1453	John, P.G 780
Hubert, M.E	Itani, R.Y 1730	Johns, T 891, 1498
Hudak, S.J., Jr	Ito, H 867	Johnson, C.D
Huff, R.G	Ito, JI	Johnson, D.W
	Ito, K	
Huff, W.L		Johnson, G.C
Hughes, P.C 511, 726	Ito, T 1147	Johnson, J.A 2248
Hughes, W.F	Ito, Y 575, 2132	Johnson, K.L 1440
Hul, C.Y 1517, 1518	Itoh, T 1358	Johnson, K.M 2167
Hul, D 872, 1491	Ivanov, Z 1003	Johnson, W 55, 861
Hul bert, G.M 90	Iwabuch I, M 80	1062, 1218
Hul me, A 1824	Iwamoto, K	Jones, A.F 1824
Humen, V 1232	Iwan, W.D 573	Jones, D.I.G 32, 1355, 2155
Hummel, R 1864	Iwankiewicz, R	Jones, J.E 524
Humphrey, J.D 898	Iwasaki, H 596	Jones, M.C
Humphrey, V.F 87	Iwashige, H 296, 1922	Jones, N
Humphris, R.R 452	Iwatsubo, T 591, 850	Jones, N.P 874
Hundal, M.S 916		Jones, R.M
Hunt, B	lyengar, R. N	Jones, S.E 862, 969
Hunt, K.H	lyengar, T.K.V	Jones, W.H
Hunter, K.W 537	Izadpanah, A.P 1160	Jonsson, L 236
Hunz Iker, P 1316, 1317	Jackson, C 406, 1028	Jordan, T.H
Hupfer, P 973	Jackson, E.D 1658	Josse, F 1845
Hurlbut, A 102	Jackson, P.S 1615	Jouhaud, F 227
Hurty, W.C 2239	Jackson, S.M 1956	Ju, F.D 1350
Hushmand, B 2171	Jacob, K. I	Ju, J.W 1986
Hustak, J.F 2207	Jacob, M.C	Juang, Dar-Ping 1696
Hutchinson, G.L604, 1567, 1589	Jacobsen, F	Juang, D.J 970
Hutchinson, J.R	Jacobson, M. J 1928	Juang, DP 2224
Hutin, P.M 158	Jagannathan, M	Juang, J.N
Hutton, D	Jäger, G	Juang, JJ 1953
Hutton, S.G	Jäger, W	Junghanss, K
Hwang, Y.D	Jagota, A	Kacala, J 1836
I brah im, A	Jain, A.K 1066, 1193	Kachanov, M
I brah im, R.A 353, 566	Jain, R.K 17, 1260	Kacou, A 1030
1131, 2185	Jain, V.K 637	Kado, H 1472
Ibrah im, S.R 330, 1286	Jakeman, R.W 260	Kagawa, T 1476
l brah im, Z. N 966	Jakobsen, J 806	Kageri, HG 2053
I ch imaru, K 819	James, B.B 777, 783	Kahraman, A 835
Ich Imiya, R 91	James, M.R 1844	Kalker, P.S 1008
Ich Imura, T	James, S 1574	Kalzu, K 1526
I gnaczak, J	Jang, S.K	Kajishima, T
I gn a ty ev , V . N	Janocha, H	Kajita, T
l guch 1, M	Janson, W 852	Kakatsios, A.I
Ih, JG 1323	Jansson, E.V	Kakisaka, T
		Kakutani, T
11da, H 4	Jaros, D.W	
Ikal, S 2090	Jategaonkar, R 1883	Kaliszer, H
I keda, T 1444	Jau, WC 1105	Kalker, J.J 1224
l keda, Y 2023	Jav 1d, A.E 501	Kallivokas, L.F 688
Ikegami, R 228, 2219	Jaw, J.W 2154	Kainins, A 1499
ankamban, R	Jeary, A.P 408	Kamat, M.P 1921
11 [lev, 1	Jebr 11, A. E. S 1781	Kambe, T 930
IIIe, V 2181	Jef frey . A 2089	Kamei, L.T 998
Im, S 687	Jegley, D.C	Kameoka, T 846
Imaichi, K	Jendrzejczyk, J.A 113, 2096	Kamigaichi, S
Imregun, M	Jeng, YR	Kamle, S 1455
Inagaki, T	Jennings, A 1064	Kammer, D.C285, 1671, 1672
	Jennings, P.C	Kana, D.D
Inasaki, I	lengings, F. U	Kanade, T
Inbanathan, M.J	Jennings, T.J	
Ings, N.L	Jensen, P.S 1207	Kanai, H
Inman, D.J	Jentzsch, J 1021	Kanda, Hiroshi
Ionnides, A.M 984	Jerath, S 1497	Kanemitsu, Y
Irie, T 99, 486	Jesien, W 1606	Kanki, H 7, 202, 331
1447, 1912	Jesudasen, A.S 1076	459, 851

Kangl I. C.G 1830	Kiger, S.A 605, 734, 736	Kotera, T 759
Kannel, J.W 1654		Kotsovos, M.D
Kanzaki, H 279	Kijimoto, S 989	Kou, S.Q 1059
Kapitaniak, T	Kikuchi, M 903	Kouda, A 1356
Kapl an, P 1825, 1826	Kikushima, Y 971	Kounadis, A.N 1448, 1468
Kaplan, R.L 717	Kikuyama, K	Koval, L.R 1162
Kapur, A.D 880	KIII, N 465	Koz ik, T.J
Karabin, M 92	Kim, B.C 2263	Koz In, F 1456
Karamaniidis, D 1973	Kim, C.H 30, 1603	Koz Is, L 1263
	Kim, CH 849, 1050	Krajcinovic, D 505
Karni, Z		Ki ajcillovic, D
Karni, Z.H 1031	KIm, C.S 1252	Kramer, E 836
Karunamoorthy, S.N 223	Kim, K.J 1176	Krasnicki, E.J 711
Karunendiran, R 1869	Kim, K.O 707	Kratoch (11, C 2165
		Kratzig, W.B 1091
Karwatzki, J.M 1754	KIm, S.J 1825, 1826	
Kasahara, M 642	Kim, Y.D 662	Kraus, J 1874
Kasiviswanathan, S.R 1514	Kimura, K 625, 839, 1500	Krause, KH
Kasuba, R 45	Kindervater, C.M 27	Krauthammer, T 187, 786, 1231
		1265, 1614
Kataoka, K	King, C.F 1379	
Kataoka, M 638, 943	King, D.R 378	1740, 2125
Kato, M 853	King, J.E 1267	Kriezis, G.A 2024
Kato, S 26	King, S.P 2032	Krodkiewski, J.M 269, 781
		Kruckow, W
Kato, T 525, 661	Kingsley, P 1372	
Kato, Y 2058	Kinoshita, K 819	Kruzelecki, J 1574
Katsikadelis, J.T 688	Kinra, V.K 500	Krzywiecki, W 1103
Katz, A.H	Kinzel, G.L	Ku, CP 1014
Kauf hold, G 363	Kipp, C.R 1140	Kubiak, J.A 2003, 2016
Kavi, N 873	Kiremidjian, A.S 1511	Kubo, A 1019
Kawabata, N	Kirk, R.G 847, 2207	Kubo, M 203, 1644
Kawachi, K	Kirkhope, J 1251	Kubomura, K
Kawai, R 591	Kishi, M 2023	Kudo, Y 1052, 2213
Kawai, T 1047, 2120	Kishor, B	Kuik, W 39
Kawakami, T	Kitagawa, A 1476	Kultzsch, W 211
	Kitipornchal, S 71, 672, 1454	Kujath, M.R 730
Kawamura, M 525		Kujaili, Mikaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
Kawashima, N 203, 1644	Kitis, L 949	Kumagai, M 840
Kawashima, T	Klyono, S 1019	Kumaido, T 1441
Kawata, Y 1377	Kjeldsen, S.P 747	Kumar, A.S 44
Kaya, F 631, 1415	Klarbring, A 174	Kumar, V 886
Kayukawa, H	Klein, G.A 780	Kume, Y 1023
Kaza, K.R.V 1060, 1410	Klepaczko, J.R 171	Kundu, T 302, 480
Kazao, Y 840	Kline, K.A 950	Kuntz, D.W 1763
Kazerounian, K	Kluesener, M.F 323, 539	Kuntz, H.L
Keer, L.M 195	Knauss, W.G 1515	Kuo, CP 921
Keinholz, D.A 2219	Knight, J.D 453, 1643	Kuo, Shyh-Rong 1675
Kelkar, A 703	Ko, C.L 178	Kurohash 1, M 846
Kelkel, K 660	Kobayashi, H	Kurtze, D. A 189
Keller, J.B 2262	Kobayashi, M	Kurz, E.L 1945
Kelly, J.J 1682	Kobayashi, Y 1912	Kuwata, K 626
Kelly, J.M 501	Koch, T 1191	Kuypers, J.C 2060
Kelm, R.D 452	Kocher, M.F	Kuzmanov Ic, B.O 8
Keltie, R.F 1074, 1082	Koenigs, P 2264	Kwatny, H.G 2179
Kennedy, F.E 1728	Koh, H.M 348	Kwok, K.C.S 813
Kennedy, J.S 1646	Kolke, N 1281	Kwon, Oh-Kwan 654
Kennedy, R.M 1676	Kojić, M 1720	Kyriakides, S 1725
		La Malfa, S 2211
Kergomard, J	Kojima, M	
Kern, D.L 922	Kokkinowrachos, K 619	Labuz, J.F 1122
Kerr, A.D 1684	Kokubo, K 1890	LaFontaine, R.F 909
Keskinen, R.P 2075	Kolk, E.W 2243	Lai, Tser-Shyong 1487
Keswick, P.R	Kol sky, H 562	Lakhtakia, A 1068
Kettl eborough, C.F 541, 542	Komatsu, K	Lakis, A.A 1056, 1057
Keusch, W.J 825	Konagai, K 289, 798, 863	1092, 1093
Keveh, M 2106	Kondo, K 1865	Lakshmana Gowda, B.H 1067
Keyvanfar, F	Kondoh, N	Lakshmana Rao, S.K 1462
Kharif, C 767	Kondou, Takahiro 2046	Lal, R 686
Kher, S.N 1793	Kondou, T 760	Lal anne, M 829, 1227
Khonsari, M.M 643, 644	König, K	Lal I, A.K
	Koning, Karasasasasasasasasasasasasasasasasasasa	
Khosravi, A 752	Konomoto, S 661	Lally, J
Khot, N.S 23, 1910	Kornecki, A 476	Lalor, N
Khul lef, Y.A 2156	Kosawada, T 704, 705, 1098	Lam, KY 1243
Kida, S 1957	Koshide, S 238	Lam, L.C
KIdo, K 1045, 1069		Lambert, R
	Koski, J 2138	
Klenholz, D.A 219	Kostem, C.N	Lambert, R.F
Klernan, M.T 502	Kostrov, B.V	Lamberton, D 997

Lambrakos, K.F	Leventhal I, H.G 1626	Lorimer, S.A 2135
Lamkin, S.L 1010	Lever, J.H 2099	Lotf I, V
Landau, L 1391	Lev Ine, M.B 1309	Lottati, 1
Landers, J.A 194	Lew, T.K 14	Lu, Baotong
Landgraf, R.W 2029	Lew andowski, R 1235	Lu, L.K.H
Landis, D.W	Lew icki, D.G 449, 1823	Lu, S.C
Landström, U	Lew Inski, T	Lu, S.S 1044
Landweber, L	Lew Is, D.W 452, 645	Lubrecht, A.A
Lang, W.W	Lewis, J.L	Luore M 1010
		Lucas, M
Lange, W	Lewis, R.I	Lucero, E.F
Langley, R.S 152, 409	Lew is, T.M	Luco, J.E 410, 608, 797
1142, 1564	Li, Qihan 246, 445	1188, 1325
Lankford, J	L1, S 875	Luhrs, H 1318
Lapeyre, B 997	Li, Xi-Kui 175	Luk, C.H
Laschet, A 363, 364	Li, X 446, 1015	Lund, J.W 837, 1034, 1035
Latcha, M.A 350	Li, Zhao-Gang 209	Lundberg, B 105
Lau, B.H 1218	L1, Z.H 2225	Lundel I. D.A
Lauffer, J.P 2118	Liapis, S.J	Lundqvist, L
Laughlin, M.J 588	Liauw, T.C 1181	Lundström, R 1406, 1407
Laura, P. A. A 65, 481, 482	Llaw, CY 800, 1243	Luo, Song Fa
548, 764, 857	Libicki, C.M	Luo. S
1079, 1253, 1451	Librescu, L	Luongo, A 286
1481, 1662, 1692	Liebe, R 793	Lynch, P.J 493
1701, 1706, 1880	Lifshits, A 401	Lyon, R.H 2241
2081, 2211	Lifson, A 2002	Lyons, G.J 620
Laventure, G.C., Jr 1209	Lima, E.C.P 1391	Mabey, D.G 1616
Law, L.D 1928	Lin, A.N 2256	Mable, H.H
Lawley, T.J 1885	Lin, B.C 47	Mace, B.R 1503
Lawrence, C386, 1410, 2047	Lin. C 1897	Maceyko, M.K
Lawrence, K.L	Lin, G	Maclag, E
Laws, W.C	Lin. G.S	MacNeal, R.H 387, 1987, 2308
Lay ton, J.B	Lin, HT 1187	Madarasan, T
Le Floc'h, C	Lin, J.F 451	Maeno, T
Lebeck, A.O464, 1032, 1033	Lin, J.I 92	Maestrini, A.P 2148
Lee, A.C 1112	Lin, J.Y 1636	Maewal, A 287
Lee, BH	Lin, JS 1306	Maeyer-Piening, H.R 86
Lee, C.W 662, 948	Lin, L 1184	Maga, L.J 755
Lee, D 1124	Lin. R.H 532	Maganty, S.P 104, 310, 1715
Lee, H.J	Lin, Y.K 1769, 2127, 2130	Magner, R
Lee, I 773	Lindberg, B 2220	Mahin, S.A 1547, 2001
Lee, J	Lindquist, S	Mahrenholtz, 0 1088, 1094
Lee, L.C	Ling, F.H	Maidanik, G
Lee, Ming-Ling 1487	Ling, R.T	Majewski, T
Lee, P 2290	Linhart, J 2097	Majors, B.M
Lee, S.L 983	Liou, WJ 1083	Majumdar, B.C
Lee, SL 1243	Lipp, L.J 2261	Makarewicz, R
Lee, S.S 2234	Lips, K.W 511	Makovicka, D 1157
Lee, S.W 114, 1791	Lipschitz, A 1660	Mal, A.K 480
Lee, T.W 628	Lipsett, A.W 217	Mallk, M 262
Lee, Y.A 925	Lipski, M.J 2214	Mai inowski, J.Z 171
Lees, A.W	Lisiecki, L.L 528	Mallet, M
Leewood, A.R	Liu, D	Mailis, J.G 304, 1448
LeFevre, L.V	Liu, D.J	Mal vern, L.E
Leger, P		Manabe, A
	Liu, Shaoluo 594, 595	
Lehmann, B.F	Liu, Shengpei	Mancuso, J.R 42
Lehner, D.L	Liu, Tzong-Sh1 2291	Mandeville, R.E 1794
Leipholz, H.H.E 904	Llu, T 628	Manenti, A 719
Leissa, A 282, 312	Liu, W.K 176, 1090, 1346	Mani, A 1346
Leissa, A.W 881, 1482	Llu, Y 1765	Maniscalco, M.A 1417
Lekuch, H 1423	Ljunggren, S 1902	Mann, J.A., 111
Lembregts, F	Lo, C.H 1681	Manohar, C.S
Lean, R.T 2125	Lockman, H	Manol 1s, G.D 543
Leong, D	Loewy, R.G1219, 1719, 1768	Manos, G.C 78
Lepik, U 2215	Lof, C.J	Mansur, M. A
Lepikult, T 2215		Magtadir, A
	Logette, P	
Lepore, N	Löhner, R	Maragakis, E.A9
Leps, G 1121	Lokhande, M.K	March, P.A 537
Leung, A.Y.T	Lomax, H	Marenco, G
Leung, L.M 2020	Lomdahl, P.S 1908	Mariem, J.B
Leung, R. C. N 882, 1254	Longman, R.W	Mark, W.D 1867
1466, 1673	Loo, F. T. C 102	Markert, R 341
Leurldan, J 129, 1954	Lorentsen, J	Markiewicz, A

Markov, P 2092	Medallah, K 1180	Mlyamoto, H 903
Mark-Markowitch, M	Medwel I. J.O	Mivashita, K 91
Mark-Markow Holly Massesses 34		Miyazaki, N
Marowski, W	Meekisho, L	MIY 02 0KI, N
Marques, E.R.C 2234	Mehner, R 1021	Mizusawa, T 1707, 2082
Martin, G.R 2171	Mehrfar, K.E 1473	Mizutani, K 838, 1047, 2120
Martin, H.R 2069	Mehta, N.P 263	Ml akar, P.F
Martin, J.B 1904	Mel. C 101	Mobrem, M 421
		Moes, H
Martin, K.F 2199	Meler, E.B 2282	
Martin, R.M 2189	Melrovitch, L 814, 1385	Mohr1, Y 2076
Martinovic, Z. N 1101	Mel by, J.A 1602	Mohsin, M.E 1037
Martins, J.A 1171	Mel drum, D.R 587	Mokadam, D.R 244
Martin-Sanchez, J.M 1505	Melnick, W 2163	Moller, P 1157
Martirosian, A.N	Melosh, R.J 389, 1550, 1993	Monayon, A 1478
	Mel tzer. G	Mondo†, J.M
Marul, E 106, 107		
Marumo, H 203, 1644	Melzig-Thell, R 2310	Monforton, G.R
Marz, J 1021	Meng, Guang 817	Monkewitz, P.A 79
Mascheck, HJ	Mengl, Y 1278	Mook, D.T 2293
Mase, G.T 1510	Menh, N. C	Moore, J 2283, 2284
Mason, J.M	Mercer, J.A 931	Moore, J.G 2283, 2284
		Moretti, P.M
Masri, S.F	Meric, R.A	
Mataga, P.A 1522	Merkle, D.H	Morgenthaler, D.R 589
Mateescu, A.D	Merkle, L.D 1053	Mor1, S 1356
Mateescu, D 1400	Meroueh, K. A 305	Morii, S 851
Mathew, A 433, 2192	Merriman, T.L	Mor I kawa, S 1069
Mathew, J	Mertz. W	Morikawa, Y 1472
Mathew, M.B 1219, 1719, 1768	Mescall, J.F	Morinushi, K
Mathew, P 1807	Meskouris, K 1468	Morita, M
Mathews, C 744	Mesquita, L	Moriya, T 2172
Matsuda, H	Mettler, E 587	Morozov, V.I
Matsuda, Y 1555	Mettu, S.R 2292	Morrey, D 967
Matsuhisa, H	Meyer, C 868, 869	Morris, J.A 1848
		Morrison, D.G
Matsumoto, E	Meyers, G.E 787	MOFFISON, D.G
Matsumoto, H	Mey yappa, M	Morrow, C.T
Matsumuro, A 1920	Mlao, WL 1205	Morse, R.E 883
Matsushita, 0 646, 652	Michal opoulos, D 1634	Moses, F 1149
Matta, K.W	Michimura, S 267, 268	Moskovitz, C 1401
Matthies, H	Middleton, D	Mote, C.D., Jr 468, 474
Matthys, D.R	Midha, A 1649, 1650	
Maurizi, M.J 857, 2068	Mielnicka-Pate, A.L 908	Mottershead, J.E 622, 967
Maus, J.R 1819	Miles, R.N 469	1863, 1975
Mavrakos, S 619	Miller, D.W 512	Mourel atos, Z.P 1031
Maxwell, J.H	Miller, J 2110	Moustapha, S.H
May, M	Miller, R 1287	Mroszczyk, J
		Muggeridge, D.B
Mayer, H	Miller, R.E	
Mayer, J.F 2048	MII sted, M.G	Muljderman, E.A
Mazumdar, J 1898	Mimmi, G 845	Muir, T.G 2263
Maz ur - Sn i ady, K	Minamino, Y 61	Mukherjee, A 94
McComb, H.G., Jr 1617	Minard, R.A 1847	Mukhopadhyay, M 94, 1255
McConnel I, K.G 316, 712	Minato, S 2253	Mukl, R 1575
McCormick, M. E	Mincer, P.N	Mullen, R.L
McCoy, J 2241	Mindle, W.L 1721	Muller, J
McCraith, J.R 2044	Minota, T 930	Müller, R 2061
McCroskey, W.J 224, 1196, 1972	Mioduchowski, A 56, 598	Müller, W.C 1693
McDougal, W.G 1602	Mironowicz, W	Munjal, M.L1436, 1873, 1942
McDowell, D.L 121	Misra, M.S 500, 507	Muñoz V., J.M 2016
McFadden, P.D 526, 820, 1747	Mita, A 608, 797	Munteanu, M 768, 2009, 2083
McGary, M.C	Mitchell. A.K	Murakami, H
McGee, 0.G	Mitchell, J.B 1504	Murakami, M
McGhie, R.D 2131	Mitchell, T.P 1450	Murata, A 1023
McGIII, P.B 1602	Mitra, P 427	Murin, J 1802
McGuire, R.K	Mitschke, M 2030, 2188	Murotsu, Y 2023
McHenry, H.1	Mitsui, J 264, 848	Murphy, B.T 366, 978, 979
McKinnon, R.A 938	Mitsuya, Y	Murray, J.J
McLaren, J.P		
	Mitwally, H	Murray, N.W
McLauchlan, R.A 827, 1214	Mlu, D.K	Murri, D.G 1401
McLaughl in, K.L	Mi ura, H 457	Murthy, D.V 1136
McNamara, J.F 74	Mi xon, L.C 1315	Murthy, G.R.K
McNamee, M.J	Miyachi, T 653	Murthy, P.G.K 141
McTav ish, D.T	Miyake, R	Murti, V
McVIttle, D.R	Miyake, S	Muscol Ino, G
Mead, D.J	Mlyake, Y	Muszynska, A 125, 334, 379
Mechel, F.P 1009	Miyakura, H 2132	1038, 1538, 2155

		•
Mustafa, B.A.J 1471	Ni Imura, Y 2	Okada, K 1147
Muthukumar, R 1418	NI Inom I. T	Okano, T 2084
Muto, T	Ni lyama, H	Okapuu, U
Muz lani, E	Nikolaidis, E	Okita, T
Myrhaug, D		
	Niro, A 1640	Okuno, A 2238
Nabov I-Noor I, M	Nish ibori, K	Olaosebikan, L
Nachman, A 668	Nishida, Y 678	Olas, A
Naess, A 1773	Nishidoi, A 848	Olberding, D.J 1359
Nafday, A.M 1685	Nishimura, A 1310	Ol Iva, M.G 1686
Naga i, K 1084	Nishimura, T 1920	Ol Iveto, G
Naga i ke, M 989	Nishimura, Y 661	Ol sder, G.J 1224
Nagamatsu, A 198, 989	Nishluchi, R 1020	Ol sen, J.J
Nagaraj, B.K	Nishiwaki, N	Olson, M.D 1469, 2145
Nagashima, H	Nissim. E 754	Ong. J.H
Nagaya, K689, 1084, 1441	NItsch, S 1113	Ono, K
1463, 1488, 2090	NIxon, J.F	Ono, K
Naghdi, P.M	Niz iol . J	Ono, T
Naik, R.A 1851	Nmai, C.K	Ookuma, M
Nalk, R.V 1433	Noah, S.T 541, 542, 1876	Oppermann, K 1850
Naito, Y	Nogam1, T	Orabi, 1.1
Nakagiri, S	798, 863	Orcutt, J.A
Nakahara, 1 2070	Nohel, J.A 2294	Ordaz, M 1762
Nakamura, M 596	Noiseux, D.U	Orisamolu, I.R 1125, 1486
Nakamura, S 1383	Noj ima, K 255, 256	Ortiz, K 1511
Nakamura, T 412	Not den, C 1118	Osgood, C.C
Nakao, T	Nongalllard, B 116	Osman, M 1413
Naka sako, N	Non1sh1, T 675	Osman, M. O. M 44, 1413
Nakayama, H	Noor, A.K 88, 1783, 1795	Ostapenko, A 614
Nakaz awa, S 175	Noor ani, R. I	Ostermeyer, G.P 277
Nakra, B.C 1900	Noor 1, M. N	Östlund, S
Nanayakkara, S	Nopporn, C	Oswald, F.B
Nao, H	Nordgren, G	Ota, H 838, 853
Naray anan . S 579, 1484	Nordgren, R.P	1047, 2120
Narayanaswami, L.L 1757	Nordlund, E 105, 1872	Othman, A.M
Narita, Y 100, 312	Nordman, R	Ott. H.H
Narkis, Y 1290, 1337	Nordmann, R 852, 2064	Ou, Jin-Ping 1775
Naruse, J	Norris, A.N	Our Iche, H
Nashif, A.D	Norris, M.A	Ovren, Ch
Natarajan, R	North, C.M	Owen, D.R.J
Nath, Y 17, 1094, 1260	Norton, M.P 110, 918, 1414	Oxley, P.L.B 1111, 1807
Natke, H.G 395, 2139	Novak, M	Ovediran, A.A
Natori, M	Nowak, R	Oz awa, Y
Natvig, B.J	Nurick, G.N	Öz güven, H.N
Nay feh, A.H 794, 1781, 2293		Oz imek, E
	Nushol tz, G.S 438, 1008	0' Donoghue, P. E
Nel son, C.C	Nvogu, 0.U	0' Hara, G. J
Nel son, D.J	Oba, R	
Nel son, F.C	Obal, M.W	O'Keefe, W
Nel son, H.D	Oda, J 1957	0' NeI I I , M. W 1269, 1270
Nel son, P.A	Oda, T 7	0-Hori, M
Nemat-Nasser, S	Oden, J.T 1171, 1871, 2285	Pacht, H
Nene, A.S	Oehmke, R.L.T	Padin de Iriso, Z
Neriya, S.V	Ogawa, K	Padovan, J
Nesman, T.E	Ogllvy, J.A 1005	Paeng, J.K
Neu, W 427	Oh, Jae Eung 62, 654	Paez, T.L 357, 920, 1148
Neubert, V.H	Oh, K.P 380	
Neukirchner, R.J 1274	Ohashi, H 958	Page, D
New land, D.E 1117	Ohga, M 556, 1777, 1905	Paidoussis, M.P 2093
Newman, J.N	Ohki, H 1884	Pak, R.Y.S 1512, 1601
Nguyen, A.T 2033	Ohkubo, T 1645	Pal azotto, A
Nguyen, D.T 541, 542	Ohmae, N 1796	Palej, R 145
1051, 1170	Ohmata, K 43, 858	Pai lou, C 1608
Nguyen, L.T 1370	Ohm I, M 292	Palmer, S.B 999
Niazi, M	Ohnabe, H	Pamidi, P.R
Nicholas, L.T 1209	Ohno, K	Pan, Guang Ming 2149
Nicholas, T 1001	Ohno, S 638, 943	Panda, B 425, 1216
Nichols, J.R 1475	Ohta, H652	Pandey, A.K
Nicholson, D.W 532, 549	Ohta, M 296, 1339, 1922	Pandit, G.S 1674
1799, 2269	Ohtsuki, A 1358	Pao, Yih-Hsing 1934
Nicholson, S 2283, 2284	Ojal vo, 1.U 1776	Papa, L
Nicolas, J 483	Oka, F 1526	Papadopoulos, C.A 2065
Nie, Yuguang 518	Okada, A 856	Papangel 1s, J.P 1663
Nielsen, R.J 1123	Okada, H 2023	Papastavridis, J.G 1552, 1966

Pappa, R.S 2140, 2254	Pinsky, P.M 707	Rallkar, S.B 1585
Papstavridis, J.G 569	Pinson, E.D	Raj, B
		Rajagopal, K.R
Paradissiadis, G	Piquette, J.C	
Parameswaran, M.A	Pironneau, 0 1513	Rajagopal, S.V 306, 690, 1484
Parin, M.L 513, 529	Pister, K.S 2001	Rajalingham, C 51, 823
Parls, F 2221	Pitarresi, J.M 1161	Rajan, M 1657
Park, T 369	Pivovarov, 1	Rajan, S 946
Park, Y.J 151	Pizzigoni, B 831	Rajan, S.D 1174, 1657
Park, Y.P 1236	Platt, W 245	Ralapakse, R.K.N.D 1189
Parker, J.V 1192	Plaut, R.H	Raju, 1.S 703, 1054
Parker, M	Play, D	Rakheja, S 818, 1291
	Plesha, M.E	Rakh it, A.K
Parker, R 2004		Ram, Y.M
Parkins, D.W 447	Plump, J.M 1862	
Parkinson, A.G 519	Pl unkett, R 809	Ramakrishnan, J.V 1162
Parrish, R.L 127	Pocansch i, A	Ramakrishnan, K.S 824
Parsons, M.G 1031, 1178	Poh, S 1665	Ramakrishnan, R 1241
Parsons, R 1755	Pol ch, E.Z 1146	Ramakrishnan, S 274
Parszewski, Z.A 269, 781	Pol lak, T.E	Ramamon Harisoa, A 767
Pasdari, M 1655	Pol lock, C.R	Ramamurti, V 788, 1803
Pastrnak, J.W 2239	Poloni, M	Raman, A 192
Pastrone, F 1258	Poltorak, K	Ramesh, K.T
Patel, M.H 428, 620	Polychroniadis, M	Ramesh Babu, C
		Ramkumar, R.L 691, 1077
	Pomerening, D.J 735, 1289	
Patel, R.D	Pons, A 599	Ramli, M.D 1016, 1427
Patil, S.P 1620	Poole, M.J 522	Rand, R.H 2151
Patlovany, D 1	Poore, A.B	Randall, R.B 721
Patorski, K 1058	Poplawski, A.J 854	Randall, R.J 733
Patrikalakis, N. M 2024	Popov, E.P 199	Ranganathan, R 1687
Paul , H 2201	Popovici, A 2182	Ranjan, G 1276
Paumier, J.C	Poppl ewell, N	Rank, E 1981
Pav Ić, G 1951		Ransom, J
Pay lenko, S	Poppy, W	Ranson, W.F
Payer, H.G	Porat. 1	Rao. A.K
Payne, B.F	Porter, D.L	Rao, A.R
Pearce, ·H. T 1904	Potesil, A 1232	Rao, B. V. A 790, 791, 824
Pecknold, D.A	Potra, T 2059	Rao, C.B
Pedersen, J.B 2220	Pourmanoochehrl, S 1137	Rao, D. M
Pedersen, L.B 1035	Powell, B.E 564	Rao, J.S 600, 816
Peeken, H 245	Powers, D 929	Rao, J.S 1408, 1409
Pekkarinen, J 1530	Prabhakaran, R 1851	Rao, K.M 86, 1710
Pel eg, K 402, 437, 1587	Prabhu, B.S 51, 823	Rao, K. N
Pel mear, P.L	824, 1426	Rao, N. S 1641
Pemsing, K	Prabhu, D.R	Rao, S.B 6
Peng, H	Pradhanang, R.B 1814	Rao, S.S
Penzien, J	Prakash, R	Rao, S.S 717, 1164
Perakis, A.N	Prasad, M.G	Rapp, D.G
Perez, R	Prashad, H	Rasheeduzzafar12
Perkins, N.C	Prathap, G 1163, 1580	Rashidi, M
Perreira, N.D	Prevost, JH 1387, 1388	Ratino, D.A 1852
Perrin, R 1165	Price, T.E 1625	Rauscher, G
Perrin, R.H 928	Pritchard, J.I 1628	Ravid, M 1764
Perry, P.F 1571	Prodonoff, V 963	Rav i-Chandar, K 1515
Peters, J 530	Prucz, J 801, 802	Raw, G.J 1741
Peters, J.M 88	Prucz, J.C 413	Rawai, S.P 500, 507
Peters, W.H 1114	Przyby Iski, J	Ray, A.K
Peterson, E.L 1624	Purves, L.R 750	Ray, J.C 1182
Petersson, B 96, 1529	Putcha, C.S 567	Ray, S.K
Petrol Ito, J	Qamaruddin, M	Raze, J.D
Phel ps, A.E	Qu, Liangshen	Read, L.J
Philibert, C.L		
	Raad, P.E	Read, M
Phillippacopoulos, A.J	Racic, Z 2017	Reason, J
Plaud, J.B 483	Rages, M 533	Redding, J 1755
Picard, J	Radinski, R.P 1095	Redding, K.E 810
Pierce, A.D 2267	Radu, G. N	Reddy, A.D 413, 801
Pierre, C 1573	Raff, B 250	Red dy, D.V 612
Pietruszczak, S 1579	Raghavacharyulu, E 1429	Reddy, J.N 1096, 1581
Pletruszka, W.D 278	Ragh avan, K.S	Reddy, T.Y 492
Pilkey, W.D 949, 1290	Ragh av an , M. R 1418	Reed, D.K
	Rahman, A. A	Reethof, G 57
Pinkus, 0 1029, 1039	Rahman, M 575, 1395, 1805	Rega, G
Pinnington, R.J 332, 882, 1254	Rahman, Z 570, 2142	Rehak, M
	Rahmatul in, K.A 149	Rehbein, D.K
1900, 1090	rearmeter III, N.A	Nondelli, D.N

Rehfield, L.W 413, 801	Ruiz, C
Reibold, R 1946	Ruppert, J
Reid, S.R 492, 2216	Ruppert, J Ruppin, H
Reinhall, P.G 469	Russell, W.C
Remington, P.J1831, 1832, 1833	Rust, A
Remond, A 555	Rutenberg, A
Ren, L.X 1059	Ruz Icka, G.C
Rencis, J.J	Ryu, Takahiro Sackman, J.L
Repperger, D.W	Sadasiva Rao, Y
Reuben, J.C 1368	
Rhiu, J.J 114	Sadegh I pour, K.
Rice, D.A 2113	Sadek, E.A
Rice, H.J 2044	Saek1, H
Richard, M.J	Saffar, A
Richard, T.G	Safford, F.B
	Saha, S Sahasrabudhe, /
Richards, W.B 2232	Sahay, B
Rieger, N.F 441	Sahay, C
Riff, R488, 1914, 2230 Rigner, L.G	Sahinkaya, M.N.
Rigner, L.G 335	Salgal, S
Riks, E	Salgo, M
Riley, L	Saisse, H Saito, E
Rimer, N	Salto, S
Rivin, E.I 371	Salto, T
Rizk, M 1445, 1878	Saltoh, K
Roark, G.L 1855	Sakakida, H
Roberts, J.B 354, 1016, 1415	Sakamoto, T
Roberts, W.B	Sakata, M
Robertson, B.P	Sakurai, A Saliba, H.T
Robinson, D.C	Sal ikuddin, M.
Robinson, J.A 1322	Sal vator el II,
Robinson, M.P 1398	Samaha, M
Rockwell, D	Samaras, E
Rodellar, J	Samartin, A
Roden, J.J	San Andres, L.
Rodriguez-Corral, G 1485	San Emeterio,
Roesi er, M.D 1381	Sanchez, M.R
Rogers, J.D 316, 712, 2249	Sanchez Sarmie
Rogers, J.D 316, 712, 2249	Sandberg, U
Rogers, J.L	Sanders, W.J Sandford, M.C.
Rogers, R.C	Sandhu, R. S
Rohan, C 2257	Sandidge, D
Romano, A.J 1941	Sandor, B.1
Ronowski, D 110	Sandstrom, S
Rosal es, M.B	Sanger, T
Rosen, A 1219, 1719, 1768	Sanjayan, G Sankar, S
Rosen, I.G 1168, 2288	Salikar, S
Rosenberg, Z	Sankar, T.S
Rosenblat, S 2150	*****
Rosenblueth, E 1762	Santana, G
Rosenblueth, E	Santini, A
Ross, C.T.F	Sanz-Serna, J.
Rossing, T.D 1165	Saran, S Sarin, S.L
Rossmanith, H.P 1257	Sarrafz adeh-Ki
Rothhirsch L., A 2003, 2107	Sas, P
Rothschild, R. S 1534	Sasaki, M
Roufalel, M.S.L 868, 869	Sasaki, T
Rouse, N.E 1582, 1854, 2311	Sather, D.P
Roux B	Sathy amoor thy,
Rowekamp, P.A	Sato, K
Row lands, R.E	Sato, M
Roy, M.R 271	Sato, S
Rucinski, J 269	Saud, A.F

Rulz. C 2221
Rulz, C
Ruppin, H
Russell, W.C 2218
Rust. A 990
Rutenberg, A 606, 982
Ruz Icka, G.C
Ryu, Takahiro
Sackman, J.L
1484
Sadegh I pour, K
Sadek, E.A 82, 372
Saeki, H
Saffar, A
Saha, S
Sahasrabudhe, A.D
Sahav. B 49. 50
Sahay, C.     1501       Sahinkaya, M.N.     461       Salgal, S.     1711       Salgo, M.     855, 1442
Sahinkaya, M.N
Salgal, S
Saice H 116
Sal to. E
Salsse, H
Salto, T 708
Saltoh, K
Sakakida, H
Sakamoto, T
Sakurai. A
Sal Iba, H.T 307
Sakurai, A
Sal vatorel II, F
Samaha, M 1621, 1622
Samaras, E
Semartin, A
1630, 1631
San Emeterio, J.L 1485
Sanchez, M.R
Sandberg, U
Sanders, W.J
Sanders, W.J
Sandhu, R.S.     150       Sandidge, D.     1581       Sandor, B.I.     2226
Sandidge, D
Sandor, B.I
Sandstrom, S
San Jayan, G 1597
Cankar C 140 818
Sankar, T.S 44, 954, 1229
Santana, G
Santini. A
Cana-Corne I M 1120
Saran, S 1276
Saran, S
Sarratzaden-Khoee, A 119, 502
Sasaki, M
Sasaki, T 2090
Sather, D.P 2229
Sathy amoorthy, M 484, 485 Sato, H
Sato, H
Sato, M
Sato. S
Sato, S

Saunderson, D.H 522
Sauvé, R.G 1262
Savc1, M 1664
Sauvé, R.G. 1262 Savcl, M. 1664 Saw, K.C. 1172
Saver, R.J 405
Scalzo, A.J 207
Scalzo, A.J
Schamel, G. 1101 Scharrer, J.K. 280 Schatte, M. 2310 Scheele, F. 1272 Scheldt, D.C. 735 Schellin, T.E. 1191 Schersht R 450
Scharrer, J.K 280
Schatte, M 2310
Scheel e, F 1272
Scheldt, D.C 735
Schellin, T. E 1191
Schetz, J 427
Schetz, J
Schlermeier, J
Schlermeier, J.E 1991
SCRITT, A.J
Sch iff. D
Schilling, W
Sch indler, G 2177
Schlack, A.J., Jr 285, 1672
1671
Schmid, K.C
Schmidt, E. M. 7433 Schmidt, J. H. 901 Schmidt, K. 297 Schmitz, F. H. 617
Schmidt, J.H 901
Schmidt, K
Schmitz, F. H 617
Schnack, E 558
Schneider, K.B
Schoeneck, K. A
Scholz, H 677
Scholz, H
Schott, G.A 90
Schrand, J
Schott, G.A
Schraut, R.P 231
Schuch, F 2121
Schraper, ND. 251 Schuch, F. 212 Schulkin, M. 931 Schultz, A.E. 864 Schulz, A. 1859
Schul tz. A. E 864
Schulz, A 1859
Schutze, W 1113
Schutze, W
Schwalger, M 2121
Schwendeman, D.W 2278
Schwibinger, P 601
Scul thorpe, B.R 2167
Seabra, J
Seed, R.B
Seegal, R.B. 1546 Seegal, A. 884 Selbel, R. 1950 Selde, P. 1477, 2143 Seldel, D.A. 1402 Self, A.A. 1037 Sakl K 653
Segali, A 884
Selbel, R 1930
Selde, P 1477, 2143
Seidel, D.A 1402
Self, A.A 1037
Sekl, K
Sekl guch 1, H 1020
Sel vadural, A.P.S 2104
Sel varajan, P 1097
Semal, C 915
Sen, D 2099
Sen, R 1238
Senoo, M
Senoo, Y 1382
Serablan, S.M
Serbyn, M.R
Seren, C
Sen, D
Sethuram lah, A 637
Sev In, E 1319
Sevbert, A.F

Shabana, A 177, 1375	Siddal, J.N 190	Sol I man . H
		Soltani, M
Shabana, A.A 117, 345, 1167	Siddharthan, R	
1821, 1881, 2156	Slegmann, W.L 1928	Soltis, M.W 991
Shah, A.H 423, 494, 1189	Sierakowski, R.L 508	Somaini, D.R 418, 2173
Shah, J.J	Slevers, J	Somerville, P.G
Shah, S.P 1122	Sigman, D. E 992	Sone, A 934, 1895
Shahab, A. A. S	Sikkes, E.G 265	Song, Hongren 844
Shaheen, M 1037	S11 va, M. A. G 505	Sonoda, K
Shahshahan, A 429	Silvaggio, J.A., Jr 2214	Sonoda, T 652
Shamma, J.S	Silvennoinen, R 2138	Soong, D.T
Shankar, N. Joth I	SII verberg, L.M 146	Soovere, J 475, 1611
Shanmugam, N. E	Silvestri, M 1640	1612, 1613
Shannan, J 988	Simitses, G.J 488, 1914, 2230	Sorge, F 1041
		Sotol ongo, W
Shapira, M	Simmons, H.R 58, 401, 2002	Sorol ongo, W
Shapiro, W	Simo, J.C 669, 670	Sotoudeh, V 737
Sharan, S.K	Simon, H.L	Soucy, Y 728
Sharif-Bakhtiar, M	Simon, M.M	Souf   Is. C.L
		Soundararajan, A
Sharma, J.N	Simpson, M.L	
Sharma, K.G 2298	Sincock, P 1609	Souza, M. A 1071
Sharma, U 1523	Singal, R.K 1590, 1591	Spanos, PT.D 1774
Sharma, V.P 637	Singer, J 1244	Spettel, T 2114
Sharp, R.S 1333, 1334	Singh, A 263	Sport, U
Shaw, D 1088	Singh, B.M 2104	Springer, G.S 884
Shaw, F.H 2218, 2302	Singh, G 306, 690, 1484	Springer, W.T 126, 1885
Shaw, L.L 932	Singh, M.P 426, 602, 603	Sprysl, H 1130
		Spyrakos, C.C 15, 757
Shaw, P.K 1725	607, 1335, 1782	Spyrakos, C.C
Shaw, S.W 147	1976	Sri Namachchivaya, N 344
Shea, R 745	Singh, R 161, 1558	Srinivasan, A.V
Shearer, F.W	Singh, R.B 2298	Srinivasan, G.R 1196, 1972
Shee, T.R	Singh, R.P 2222	Srinivasan, R.S 309, 576
Shen, C.L 673	Singh, V.P 1261	Srivastava, V.K 1737
Shen, Peng-Cheng 892	Singhal, N.C 774	Stabrowski, M.M 1138
Shen, Yudi 2008	Sinha, P 1646	Staff,
Shen, Y	Sinha, S.C	Stahl, B 1896
Shephard, K.P 981	SInha, S.K 1086	Stahle, C.V 229, 230
Shepherd, I.C 909	Sinharay, G.C 97	Stalley, J.A 229, 230
Sheppard, S.D 1736	Sinning, HR 531	Stanisić, M.M 1711
Sherman, P.J	Sinno, M	Stanway, R 622, 1863, 1975
Shewmon, P.G 1932	Siri in, S 11	Stanz I, S.E 565
Shiao, CY 1133	Skinner, L.A 1554	Starck, J 1530
Shlau, Le-Chung 1549	Skovgaard, 0 1908	Stecki, J.S 2054
Shibata, H 1495	Slacik, R 1828	Steel e, C.R 1449
Shield, R.T 687	Slater, J.E 1250	Steffen, V., Jr
Shigematsu, T 556, 1777, 1905	Slawson, T.R 417, 734, 736	Stein, J 804
Shigeta, M 2070	Slivinski, L 398	Stein, M 111, 692
Shih, L 361	Small, J.C	Steiner, V 2258
Shikanal, G 60, 61	Smalley, A.J 272, 401, 2002	Stepanenko, Y 1997
Shim, K.C 298	Smallwood, D.O 248, 1301, 2118	Stephanishen, P.R 2264
Shim, V.PW 1924	Smilowitz, R 414	Stephen, N.G 288, 671
Shimada, K	Smith, D.A 2245	Stephens, J.E
Shimizu, T		
	Smith, F.T	Stern, F
Shimizu, Y	Smith, J.D 1419	Stevens, D. S
Shimoda, H 43, 858	Smith, J.E 648	Stevens, J.L 1996
Shimogo, T 840, 2074	Smith, M.P 2012	Stockl Ine. L.E 2010
Shin, J.H	Smith. O.J.M	Stockton, J.R 1115
Shin, Y.S 621	Sm1th, P 413	Stojko, S 1302
Shing, PS.B 1547	Smith, S.A., Jr 1635	Stokoe, K.H., 11 1186
Shinke, T 1310	Smol inski, P 1778	Stolarski, H 1090
Shinozuka, M 11, 1565, 1608	Smyth, N.F	Stol arski, H.K
Shioda, M 1545	Śniady, P 295, 985	Stolle, F.E 1579
Shiomi, S 1052, 2213	Snoeys, R188, 1752, 1954	Stolz, R 655
Shirahatti, U.S 1942	- Snyder, R. C 1624	Stone, B.J 1414
Shiraki, K 753	Soare, M.V	Stoneman, S. A. T 2004
Shiratori, S		
	Sobieszczanski-Sobieski, J 777	Storaasi I, 0
Shivakumar, K.N 1054, 2236		Storaasi i, 0.0 2133
Shoemaker, W.L 666	Socha, L 368	Storåkers, B 1691
Sho.[1, N	Soedel, W 293, 887, 1714	Storey, A 1738
Shour esh i, R 1352, 1381	Soerensen, M.P	
		Storti, D 1598, 2151
Shpigler, S 437	Sogabe, Y	Stover, R.J 1042
Shuford, R.J 2098	Sohoni, V.N	Strain, J.C 229, 230
Shukla, A 1257	Solze, C 158	Strandquist, J.H., 111 621
Shy amsunder, M.T	Sol ari. G	Strang, R.F
,		orrange Net essessessessesses /20
		•

Strauss, A.M 969, 1553	Tadi
Strauss, P.R 912	Taga
Streit, D.A 975	Tah
Streit, R.D	Tair
Streubel, R	Tai
Strikwerda, J.C	Taj
Str Iz, A.G	Tak
Strobbar D.A. 780	Tak
Strobhar, D.A	Tak
Stroud, R.C 340	Tak
Strozzi, A 456	Tak
Stucke, M.A	Tak
Stuhler, W	Tak
Stürchler, R	Tak
Suarez, L.E 607, 1335, 1782	Tak
1976, 2126	Tak
Suarez, S.A 503	1011
Subbiah, K	Tak
Subrahmanyam, K.B 1060, 1410	Tak
Subramanian, G 1163, 1580	Tak
Subramanian, R 865	Tak
Succ1, G.P 1822	Tak
Sucec, J 1568	Tak
Suda, Y 674	Tak
Sudo, S 1759	Tak
Sudou, K 681	Tal
Sueoka, Atsuo 694, 996	Tal
Sueoka, Atsuo 694, 996	Tam
Sueoka, A 758, 760, 841	Tam
Sueoka, T	Tam
Sugawara, Y 75	Tam
Sugi moto, H 400	Tam
Sugi moto, K 1434	Tam
Sugi mura, S 848	Tam
Suh ar a., T	Tam
Sumer, B.M 1460	Tam
Sum ida, M 681	
Sun, BY 1806 Sun, C.T 503, 504, 899	Tan
Sun, C.T 503, 504, 899	Tan
Sun, J.C	Tan
Sun, J.C 1361, 1362	Tar
Sun, M 1201	Tar
Sundararajan, G 1932	
Sung, C.K 275, 713	Tar
Surana, K.S	Tar
Surcliffe, M.P.F 885	Tar
Sutharshana, D	Tar
Sutton, G.H	Tar
Suwabe, H	Tar
Suzuki, K 704, 705, 934	Tar
	Tar
Suzuki, T	Tar
Suzuki, T 1052, 2213	Tar
Swamidas, A.S.J	Tar
Swinson, W.F	Tar
Swoboda, G	Tai
Symko, Y.B	Tai
Symmon ds, P.S	Tas
Symonds, P.S	Tas
Szabó, B.A	Ta
Szemplinska-Stupnicka, W 945	Ta
1363	Tay
Szeri, A.Z 1030, 1043	Tay
Szrom, D.B	Ta
Szyszkowski, W 1073	Ta
Tabarrok, B	Ta
Taber, L.A 700	Ta
Tachau, R.D.M	Ta
Tada, H 867	To
Tadjbakhsh, 1	Te
Tad j bakhsh, 1.G	te

Tadros, R.N 977
Tagawa, T
Tahara, H
Tainaka, T
Tajima, J
Takabatake, H
Takada, H 457, 695
Takada, J
Takada, S
Takahara, H
Takahashi, A
Takahashi, K
Takahashi, M
Takahashi, S
Takao, Y 1933
Takata, T 1377
Takayanagi, M
Takeda, H
Takehira, A
Takenaka, T 1476
Takeuchi, S 75
Tal, D
Tallian, T.E
Tam, C.K.W
Tameroglu, S.S 98
Tamiya, T
Tamma K K 1172 1585
Tamm, M
Tamura, Hideyuki 694, 996, 2046 Tamura, H
Tamura, H
Tan, H. S 1365
Tanabe, K
Tanaka, C
Tanaka, K
Tanaka, M
Tanaka, N 971
Tanaka, S 1396
Tang, D.M 68, 70
Tang, J
Tang, S.H
Tang, X.J
Tang, Y 610 Tani, J 698, 699
Tani. S
Tani, Y 1806
Tanimura, S
Tanna, H.K
Taraschuk, 1
Tassilly, E
Tassios, T.P
Tassoul as, J.L 1187, 1389 Tavares, H.F 963
Tay lor, B 1166
Tay lor, C 1036
Tay lor, D.L
Taylor, J.L
Tay lor, P.M
Tay lor, R.L 194, 1986
Tcheng, P
ten Napel, W.E

ten Wolde, T 1944
Teo, K.L 672
Teper, W.W 1262
Terauchi, Y
Terry, C 1761
Teschler, L
Tester, B.J
Thambiratnam, D.P
Thangam Babu, P.V
Theisen, T.J
Thelen, Dr
Theodoracatos V F 724
Theyendran, V 672, 1454, 1489 Thlede, R
Th lede, R 395
Thien, G.E
Thiruvenkatachari, V 309
Thomas, B 1375
Thomas, D.L 731
Thomas, J
Thompson, B.S 713, 778
Thompson, J.M.T
Thompson, M.R
Thompson, R.B
Thornton, E.A962
Tian, Q.L
Tichy, J 1941
Tichy, J.A 458, 1014, 1017
Tichy, J.A 458, 1014, 1017 Tiersten, H.F 551
Ting, J.M 1277
Tjoa, Gin Lay 240 To, C.W.S 153, 553, 696
To, C. W. S 155, 553, 696
1125, 1486, 1566 Todd, M.J
Todd, M.J
Tokdemir, T
Tomar, J.S
Tomaz ev i c. M
Tomaz ev 18, M
Tomski, L
Tonegawa, A 856
Tonon, M.L
Torisaki, T
Toro, G.R
Torres, J
Torv Ik, P. J
Towers, M. S
Townsend, D.P 1421, 2000 Townsend, G
Townsend, J.S
Tozawa, K
Trad, A 1726
Trahalr. N.S 1663, 1670
Trahair, N.S 1663, 1670 Trainor, P.G.S 423, 494
Triantafyllou, G 1678
Triantafyliou, M
Tribe, F.J 463
Trinh, N.D
Tripp, H.A 978, 979
Troeder, C 245, 363, 364 Troesch, A.W 1830
Trompette, Ph
Trubert, M
Trudell, R.W
Trujillo, D.M 939
Tsahal Is, D.T
Tsal, H.C 796
Tsangaris, S 1263
Tschegg, E.K 565
Tsi atas, G 795
Tsuda, Y 758

Tsuel, Y.G 673	Venkappa, V	Wang, P.J 288, 671
Tsul II. T 2086	Venkatapathi Raju, K 1462	Wang, P.K.C
Tsujioka, Y	Venkateswara Rao, G 865	Wang, R 1072
Tsukul, Y 1441	Venkatraman, B	Wang, S.H 1150
Tsumaki, N	Venkayya, V.B	Wang, SL 1435
Tsuru, N	Ventura, C.E	Wang, T.M 1452, 1453
Tsurusaki, H	Verchery, G	Wang, WX
Tsuzuki, M	Verma, A 1993	Wang, Y 1168
Tucch Io, M.A	Verma, A.R 1464	Wang, Y.T 571, 1558
Tucker, M.D	Verma, C.P	Wang, Zheng
Tung, C.C 799	Verma, S.P 1590, 1591	Wanxie, Z 1126
Turcotte, L.H	Vermeulen, P.G 1911	Ward, A 1222
Turhan, D 1982	Verniere de Irassar, P.L 1692	Ward, W.C 57
Turner, G.L 393	Veronesi, W.A 365	Watanabe, K 905, 906
Turner, J 234	Verser, B.A 2256	Watt, D 1324
Turner, J.L 1480	Verstrate, P.H 1918	Watton, J 1446
Turpin, W 524	Vestroni, F 286	Waz waz, AM 944
Tustin, W	Veyera, G.E 1313	Weatherby, J.R 394
Tylikowski, A 154	Vickery, C.A., Jr 1355	Weaver, D.S 821
Tzavaras, A 2294	Viderman, Z 2212	Webb, J.B
Tzong, TJ	Viel sack, P 179	Webbon, W.W
Tzou, HS 1801	Vigneron, F.R 511, 728	Weber, H.I
Uch Ida, T 279	Villot, M 913	Weck, M
Uch Ino, E	Vinbogradov, 0	Wedig, W
Ueda, N	Vinogradov, A.M 866	Weertman, J.R
Ueha, S 248	Vinogradov, 0.G	Wehr, A 1002
Uehara, S 1377	Vintzel eou, E.N	Wei, Jin-Duo
Ujihashi, S 2070	Virgin, L.N 166, 397, 2020	Welch, D.E
Uklejewski, R 1221	Viswanathan, K 1523	Welsh, B.L 1616
Umeagukwu, C. i 1114	Viswanathan, R 1011	Wel te, 1 1594
Uno Ingard, K 1087, 1705	Vlasov, A.V	Weltin, U
Unruh, J.F 735	Vogel, H 2025	Wempen, J 914
Upadhyay, P.C	Vogel, T.I	Wempner, G 709
Utjes, J.C 482, 764	Vokurka, K 123, 2101	Wen, B.C 843
1253, 2081	Vol d, H 1753	Wen, R.K 1180
Utku, S 666, 756	Vol Ihelm, R	Wen, Y.K 151
Utsum i, M	Voloshin, A.S	Wendler, B.H 955
Vadillo, F 1129	Vormwald, M 563	Wenger, A 811
Valcaitis, R 489, 1494	Vree, J.M	Wentz, K.R
Vajpayee, S	Vujanovic, B 969, 1553	Wepfer, W.J 1950
Valerga de Greco, B.H 482	Vujić, D	Werkle, H
	Vulata tanta H 2160 2170	
Val   1 appan   S	Vukobratović, M 2169, 2170	Werner, S.D
Val sangkar, A.J	Vu-Quoc, L	Weuster, U 243
Van Bramer, K.G 2214	Vyas, N 816	Wey h, B 782
Van Buren, A.L 2244	Vyas, N. S 600	Whalley, G.S 715
van Campen, D.H	Waas, G 216	Whiston, G.S 1651
Van der Auweraer, H 1752	Wachter, J 2048	White, C.W 514
van der Linden, H.H 124	Wada, B.K 432, 921, 2303	White, J.F., III 1411
van der Wekken, A.J.P 2031	Wada, S 255, 256	White, J.W 1647
Van Houten, J.J 132	1642, 2051	White, M.F 722
van Manen, S 1911	Wagner, P 701	Whitesell, H 196
van Schoor, M.C 498	Waldron, K.J 1435	Whitman, R.V
van Zyl, B.G 2040	Walker, R.E 1182	Whitney, D. E 1380
Vance, J.M 632, 633, 978	Walkington, N.J 1075	Whitworth, S.L
979, 1630, 1631	Wallace, C.E	Wiberg, NE 1157
Vanderplaats, G.N 400	Wal ow it, J.A 1632	Wicks, T.W 1075
Vanderploeg, M	Walton, J.F., 11	Widmayer, E
Vandervoort, R.J	Walton, W.S	Wieland, D.L
Vania, A		Wieland, M
	Wambsganss, M.W 1723, 2096	
Vannerberg, C	Wan, Jian-Guo 892	Wierzbicki, T
Vantorre, M	Wan, Jieming 2008	WII cock, D.F
Vanzant, B.W	Wan, S. M 878	Wilken, W
Varadan, V.K	Wang, B.P 1784, 1970	Wilkie, B.P
Varadan, V.V	Wang, C.M 71, 672, 1454	Williams, A.N
Varadarajan, A 2298	Wang, C.Y 803	Williams, F.W 1139, 1971
Varma, K.K	Wang, Guang-Yuan 1775	Williams, H.E 1716
Vash1, K.M 968	Wang, H. T 2191	Williams, J.H 2234
Vatsa, V.N	Wang, J.H 732	Williams, K 1590, 1591
Vaughan, H 2136	Wang, J.TS 1088	Williams, R 1753
Vejvoda, J	Wang, K.W 467, 468, 1661	Williamson, R.G 1858
Vel etsos, A.S 157, 610	Wang, LI-Jiang 1592	Wilson, D.A 1412
Vemur1, S.B 2292	Wang, L.T 976	Wilson, E 2306
*	-	

Willson, E.L 197	Xu, Jlan-kang	Young, H.T 1807
Wilson, H.B 611	Xu. Y 1886	Young, L.A 464
Wilson, J 927	Xue, Zhong-Qing 817	Younis, C.J
Wilson, J.F 448	Yahsl, O.S 490	Yousif, A.E 273
Windell, R.W 775	Yajima, N 613, 2019	Yu, C.H 83, 1983
	Value of D. 1949	Tu, U. H
Wing, K.L	Yakymyshyn, C.P	Yu, IW
Winiarz, M.L 1223	Yamada, G 99, 486, 1447	Yu, T.X 885, 1062, 1063
Winkler, C.B 434, 2192	Yamada, T 792	1072, 1886
Winterbone, D.E 1475	Yamagishi, N	Yu, Y.H 617
Winterton, J.G 2057	Yamaki, N	Yuan. J.X 527
Wismann, D 1373	Yamamoto, H 4	Yuen, M.M.F 1569, 2026
Witte, G	Yamamoto, Norihito	Yum, Sung Ha 62, 654
Wittek. U	Yamamoto, S	Zachary, L.W
Wittig, S	Yamamoto, T	Zadoks, R.I
Wittrick, W.H	Yamamoto, Y	Zaharia, E 2077, 2078
Witz, J.A 993	Yamane, T 412	Zajaczkowski, J 1877
Wolf, J.P 25, 165, 418	Yamashita, N	Zak, A.R 1349
Wol fe, G.K	Yan, Litang 246	Zak, M 167
Wollschlager, A 1422	Yanabe, S 856	Zaman, F.D 2088
Wong, C.K 494	Yanagi sawa, T	Zandbergen, T
Wong, H.L 410, 1188	Yang, D.C.H	Zarak, C.E
Wong, L	Yang, J.S	Zarnick, E.E
Wonoy udo. B.D	Yang, J.Y	Zastrau, B
Wood, B.R	Yang, S.M 442, 443, 444	Zelt, C.A
Wood, S.L 870	Yang, T.Y 69, 581	Zeman, V 1572
Woodson, S.C 417, 734	887, 1549	Zembaty, Z 2183
736, 1183	Yang, Yeong-Bin 1675	Zeronian, G.J 1370
Woodward, R.L 2227	Yaniv, S.L 913	Zeytounian, R.Kh
Woodward, W.S 1299	Yano, S 759, 1342	Zhang, D
Woollam, J.H	Yao, De-Yuan	Zhang, Lingmi
Worden, R.D	Yao, J.T.P	Zhang, L.C
Woźniak, C 1588	Yao, Wangui	Zhang, P.Q
Wren, T 1680	Yar, M 762	Zhang, T.G
Wright, J.P 414	Yasuda, C	Zhang, Wen 844
Wu, B.H 1089	Yasuda, K 679	Zhang, W
Wu, C.C 1978	Yazawa, H 1052, 2213	Zhang, Y 875
Wu, C.M.L 1713	Yedavaili, R.K 422	Zhang, Z 48
Wu, D.W 404	Yedl in. M.J	Zhao, Hongbin 518
Wu, Jong-Shyong 859, 1487	Yee, H. C 2287	Zhao, J1
Wu, J 1237	Yeh, Yeong-Kae 1934	Zhao, T
Wu, J.C	Yen, N	Zheng, XI ul In
Wu. J.K	Yetisir, M 821	Zhu. G
Wu, K.C		Zhuping, H
	Yin, F.C.P	
Wu, P 572	Yokomichi, 1	Zielinski, R 2299
Wu, S.C 442, 443, 444	Yokoyama, T	Zienkiewicz, O.C
Wu, S.M 527	Yoneyama, M 646	Zletsman, J
Wu, S.R 1871	Yong, Y 1769, 2157	Zimoch, Z 1979
Wu, W.Y 843	Yoo, H. S 251, 1633	Zinn, B.T 1757
Wu, W.Z 474	Yoo, W. S 164, 186	Zobairi, M. A. K 49, 50
Wu, X.F	Yoon, Eul-Sung	Zokale, T 212
Wu, X.X 1560	Yoshida, K	Zöllig, G 405
Wu. YT	Yoshimura, M 593, 1177	Zorz I. E.S
		Zotemantel . R
Würzner, W 2052	Yoshimura, T	
Wutsdorff, P 208	Yoshitake, Yutaka 694, 1906	Zoul, V 2015
Wyss, A 1594	Yoshitake, Y 758	Zuck, C.J
Xi, Dechang 552	Yosh izawa, M	Zul, H 1310
XIa, Songbo 209, 844	You, H.1 1044	Zwerneman, F.J 322
Xin, Nuan 832	Young, G.E 1561	Zymák, V 876, 2013

#### SUBJECT INDEX

Acoustic properties 325. 342 Absorbers 37, 136, 242, 243, 424, 623, 813, 814, 815, 1009, 1627, 1628, 2043, 2044, 2202 Acoustic reflection 374, 375 Acceleration analysis Acoustic resonance 46, 79, 932, 2004, 2094, 2095 1891, 2174 Acoustic response Acceleration effects 241, 1466 390, 396 Acoustic scattering Accel erographs 308, 2100 1056 Acoustic techniques Accel erometers 220, 437, 808, 923, 927, 1210, 1211, 1220, 1287, 1296, 1309, 1837, 1846, 2197, 2201 965, 1536 Acoustic tests ACOUSTIC TESTS 218, 325, 715, 907, 908, 909, 998, 1279, 1280, 1281, 1364, 1528, 1529, 1530, 1741, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 2106, 2240, 2241, 2243, 2244, 2245 Acoustic absorption 1539, 1893, 1922 Acoustic cavitation 1140, 1141 738, 930, 931, 932, 933, 1540, 1541, 1542, 1543, 1544, 1545, 1963, 2123, 2124, 2262, 2263, 2264 Acoustic data Acoustic detectors Active control 11, 420, 493 Acoustic diffraction Adhesives 513, 1836 1800 Acoustic emission Aerodynamic characteristics 35, 536, 715, 1121, 1122, 1537, 1737, 2111, 2248 1402 Acoustic excitation Aerodynamic damping 132, 133, 135, 141, 1810 Acoustic filters Aerodynamic loads 1365 561, 1403, 1858 Acoustic holography Aerodynamic stability 365, 1943 626 Aeroel asticity Acoustic impedance 37, 1916, 2242 40, 1179, 1203, 1205, 2265 Acoustic insulation Agricultural machinery 131, 1405 Acoustic Intensity method 483, 913, 1281, 1528, 1922 Air blast 735, 1619 Acoustic measurements Aircraft wings 1078, 1241, 1842, 1940 1400 Acoustic microscopy Aircraft 27, 173, 238, 328, 342, 383, 616, 959, 1194, 1195, Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 7 Issue: 5

Aircraft (cont.) 1196, 1218, 1321, 1397, 1398, 1399, 1400, 1401, 1402, 1528, 1615, 1616, 1617, 1618, 1816, 1817,	Antennas 153, 962
1818, 1819, 1820, 1821, 2027, 2032, 2184, 2185, 2186, 2187	Approximation methods 911, 973, 1554, 2127
Alrfolls 1196, 1397	Arches 857, 1053, 1231, 1447, 1662, 1663, 1880
Algorithms 23, 82, 88, 144, 150, 156, 159, 165, 176, 188,	Armored vehicles 735
189, 194, 197, 224, 308, 354, 358, 359, 361, 369, 373, 402, 405, 442, 443, 444, 452, 543, 554, 555, 557, 558, 559, 572, 577, 718, 737, 746, 760, 764,	Articulated vehicles 186
767, 769, 772, 841, 941, 948, 949, 950, 951, 953, 965, 961, 976, 995, 1075, 1103, 1115, 1133, 1134, 1135, 1136, 1137, 1138, 1150, 1153, 1161, 1166, 1170, 1177, 1198, 1270, 1278, 1282, 1286, 1332,	Asymmetric vibration 1575
1333, 1334, 1343, 1379, 1435, 1495, 1505, 1550, 1555, 1556, 1567, 1568, 1569, 1571, 1577, 1582, 1648, 1776, 1777, 1778, 1779, 1788, 1793, 1806,	Asymmetry 269, 423, 891
1852, 1863, 1969, 1970, 1973, 1997, 2195, 2215, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2289, 2295,	Asymptotic series 1553
2202, 2203, 2204, 2203, 2206, 2207, 2209, 2293, 2306	Automated design 159
564 ^ Alum Inum	Automobiles 222, 988, 989, 990, 991, 1197, 1761, 1822, 2028, 2029, 2030, 2188
532, 683, 712, 1054, 1510 Amplification	Autoparametric response 353
Amplitude analysis	Autoregressive moving average models 896, 1133
712, 721, 1292, 1677 Amplitude data	Axial excitation 474, 865, 1042
6, 335, 457, 752, 1128, 1356  Amplitude measurement	Axial force 60, 606, 628, 645, 1164, 1982
101, 732, 1665, 2263 Amplitude modulated motions	Axial vibration 843, 1468
569, 632, 633 Ampilitude modulation	Axisymmetric excitation 2229
915 Analog simulation	Axisymmetric vibrations 774, 1490, 1696, 1889
1047	- B -
Analog techniques 181	Backlash effects 2165
Analytical methods 19, 98, 137, 142, 143, 145, 146, 150, 153, 155, 158, 162, 172, 175, 180, 192, 193, 197, 198, 291,	Baffles 136, 871, 908
309, 343, 344, 345, 346, 347, 348, 349, 355, 543, 544, 545, 546, 547, 548, 549, 570, 586, 673, 738, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 939, 940, 941, 942, 943, 944, 1025, 1124, 1125, 1126, 1130, 1303, 1324, 1550, 1551, 1552, 1553	Balancing machines 435
1126, 1140, 1323, 1324, 1550, 1551, 1552, 1553, 1647, 1766, 1800, 1815, 1965, 2025, 2035, 2046, 2088, 2126, 2149, 2205, 2265, 2266, 2267, 2268	Balancing techniques 326, 406, 515
Anisotropy 88, 139, 478, 702, 703, 1078, 1158, 1271, 1578, 1645, 2262	Balancing 49, 50, 327, 516, 517, 518, 519, 716, 717, 910, 1282, 1742, 1743, 2107, 2108, 2109, 2110
Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 Volume 19	1176-1370 13/1-1589 1590-1801 1802-2002 2003-2163 2164-231
Issue: 1 2 3 4 5 6	7 8 9 10 11 12

Ball bearings Bernoull i-Euler method 41, 668, 830, 1168, 1236, 1875, 2131, 2288 Bessel functions Ball screw type dampers 680 43 Bifurcation theory 147, 257, 1023, 1143, 1341, 1430, 1466, 1722, 2128 Band saws 467 Blot theory 714, 931, 2238 Rands 468 Barges 1827 Birefringent-coating method 238 32, 39, 40, 207, 223, 244, 440, 441, 625, 626, 671, 816, 977, 1010, 1011, 1215, 1216, 1217, 1218, 1219, 1403, 1408, 1409, 1410, 1411, 1412, 1542, 1858, 1859, 2003, 2047, 2048 171, 282, 666, 821, 1232, 1448 Base isolation 211, 250, 796, 2174 Reams Blast effects 58, 54, 60, 61, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 274, 282, 283, 284, 285, 286, 287, 288, 353, 371, 469, 470, 509, 568, 581, 584, 623, 667, 668, 669, 670, 671, 672, 718, 777, 783, 814, 858, 858, 858, 859, 897, 1054, 1055, 1056, 1057, 1058, 1057, 1057, 1058, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057, 1057 184, 1812 Blast Loads 183, 1239 1059, 1060, 1061, 1062, 1063, 1103, 1150, 1164, 1233, 1234, 1235, 1236, 1237, 1349, 1449, 1450, Blast resistant structures 417, 787, 1183 1451, 1452, 1453, 1454, 1521, 1598, 1664, 1665, Bodies of revolution 1666, 1667, 1668, 1669, 1670, 1673, 1674, 1675, 1708, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1971, 2066, 2067, 2068, 2069, 2085, 2119, 2215, 619 2216, 2217 Bollers 1888 Bearing response 1351 Bolotin method 576, 1248 Bearings 7, 48, 51, 52, 202, 203, 209, 366, 403, 660, 749, 1024, 1033, 1413, 1634 Bolted Joint Beat phenomena Boundary condition effects 545 94, 101 Boundary element techniques 173, 318, 358, 396, 543, 546, 578, 688, 693, 757, 989, 1140, 1141, 1238, 1352, 1469, 1584, 1985, Bel Lows 38, 624 2145, 556, 1695 Rells 1165 Boundary integral equation method 739, 935, 1095, 1146, 1551, 1556 Bel ts 439, 1629, 2045, 2046 Boundary layer damping 429, 1399 584, 685, 687, 684, 685, 687, 682, 866, 877, 994, 1061, 1087, 1089, 1090, 1219, 1237, 1347, 1375, 1383, 1409, 1410, 1414, 1484, 1488, 1491, 1616, 1635, 1665, 1685, 1685, 1696, 1700, 1775, 1785, 1795, 1996, 1017, 1099, 2022, 2065 Boundary layer 79, 128, 907, 964, 1474, 1508, 1554, 1616, 1659, 1763, 1800, 2093, 2106, 2284 1725, 1785, 1787, 1886, 1917, 1989, 2022, 2065, 2066, 2080, 2083, 2090, 2115, 2149, 2217, 2224, Boundary value problems 31, 430, 671, 961, 1506 Benjamin-Feir method Box girders 767 Bernoulli theory Braces 2089 294 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19 Issue: 2 3 4 5 6 7 9 10 11 12

Brackets Chaos 1455 287 Braking effects 433, 434, 806 Chatter 59, 201, 404, 575, 593, 1176, 1375, 1652, 2062, 2120 Bridges 8, 9, 794, 795, 1179, 1180, 1385, 1596, 2018, 2171, 2172, 2173 Chebyshev polynomials 1965 Bubbl es Circuit boards 123, 1495 1727 Buckl Ing Circular cylinders Buckling
67, 69, 71, 77, 84, 85, 86, 89, 103, 285, 391,
488, 548, 667, 668, 672, 686, 692, 700, 866, 884,
889, 1065, 1071, 1091, 1099, 1139, 1180, 1249,
1256, 1344, 1448, 1454, 1470, 1492, 1497, 1574,
1663, 1668, 1670, 1699, 1710, 1722, 1725, 1732,
1892, 1911, 1914, 1971, 2079, 2080, 2225, 2230 31, 99, 739 Circular saws 1081 Clutches Bulldings Buildings
10, 12, 14, 20, 82, 138, 199, 210, 211, 212, 213, 242, 250, 294, 336, 407, 408, 409, 410, 411, 412, 413, 414, 475, 602, 603, 604, 605, 606, 607, 774, 785, 796, 813, 869, 970, 980, 981, 982, 1181, 1182, 1183, 1586, 1589, 1597, 1730, 1810, 1811, 1812, 2019, 2174, 2175, 2176 Coherence function technique Collapse 1341 9, 77, 289, 290, 860, 861, 862, 863, 864, 865, 866, 1059, 1065, 1123, 1238 - C -Cabl es 76, 108, 1064, 1456, 1457, 1458 Combustion noise 990 Calibrating 240, 1115, 1837, 1846 Complex modulus 540, 689 Cam followers 720 Component mode analysis 117, 977, 1299, 1984 Cams 41, 1413 Component mode synthesis 197, 198, 445, 586, 594, 1786, 2117 Cantilever beams 532, 1290, 2153, 2160 Composite materials 55, 342, 480, 484, 497, 703, 884, 886, 1088, 1162, 1271, 1581, 1588, 1728, 1851 Cavitation noise 2106 Composite structures Cavitation 88, 426, 715 447, 451, 596, 875, 1024, 1029, 1041, 1825, 1826, 2034, 2073, 2132 Composites 506, 712, 713, 897, 898, 899, 900, 1506, 1507, 1729, 1730, 1731, 1921, 1922, 1923, 2098, 2233, Cavities 148 2234 Centrifugal compressors 847, 1808, 2207, 2214 Compressors 1, 561, 2003, 2004, 2050, 2164 Centrifugal pumps 596, 845, 958, 1808 Computer aided design 173, 2299 Cepstrum analysis 374, 375, 654 Computer aided test techniques 34, 722 Ceramics 116, 1438, 1920, 2122 Computer programs 77, 82, 83, 109, 156, 168, 182, 191, 273, 302, 340, 345, 360, 361, 362, 364, 365, 370, 400, 417, 449, 496, 509, 560, 561, 562, 650, 743, 761, 890, Chains 274 Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

2

3

5

Computer programs (cont.) 978, 979, 984, 1135, 1139, 1140, 1141, 1152, 1335, 1670, 1780, 1910, 1971, 1972, 2133, 2158, 2288, Crack propagation
155, 156, 195, 302, 304, 317, 318, 320, 321, 322, 348, 394, 558, 564, 893, 903, 905, 906, 1001, 1104, 1108, 1156, 1175, 1267, 1384, 1412, 1511, 2289 1515, 1517, 1518, 1522, 1527, 1608, 1610, 1729, 1733, 1735, 1738, 1750, 1796, 1797, 1923, 1959, 2091, 2235 Computer storage devices 663 Cranes (Hoists) Computer systems hardware 867 Computerized simulation Cranks 356, 364, 433, 461, 654, 719, 818, 841, 1274, 1445, 1513 648 Crashworthiness Computer-aided design 1437, 1635, 2312 Creep 122, 658, 866, 977, 1011, 1105, 1274, 1299, 1720, 505, 1055, 1103, 1104, 1105, 1169, 1231, 1264, 1265, 1266, 1317, 1674, 1686, 1687, 1958 1722, 1914 Critical loads Conformal mapping 308 Critical speeds 266, 515, 634, 674, 795, 824, 825, 833, 978, 979, 1066, 1227, 1426, 1428, 1441, 1444, 1657, 1918 Construction equipment 225 Containers Cross correlation techniques 24, 1598, 1813 819, 1960 Cross spectral method Control equipment 776, 807 332, 913 Cryogenic systems 11, 115, 115, 711, 896, 1101, 1102, 1503, 1504, 1505 Cutting Convolution analysis 1806. 1807 Cyclic loading 64, 528, 1104, 1105, 1683, 2301, 2305 Cooling systems 2028 78, 291, 292, 490, 673, 674, 675, 701, 724, 733, 830, 889, 1030, 1066, 1067, 1068, 1147, 1239, Coriolis forces 680, 1410, 1714 1459, 1460, 1461, 1462, 1463, 1574, 1676, 1677, 1678, 1679, 1765, 1820, 1888, 1889, 1890, 1892, 1916, 2021, 2070, 2087, 2147, 2150 Coulomb friction 47, 68, 70, 130, 356, 442, 443, 444, 571, 720, 751, 1243, 1390, 1440, 1446, 1636, 1736, 2011, 2222, 2297 Cylindrical shells 2093 Coupled response 30 - D -Coupled systems Damage prediction 346, 594 Couplings 42, 245, 604, 625, 627, 628, 1468, 1529, 2048, Damped structures 2049, 2050 Dampers Dampers 246, 442, 443, 444, 445, 593, 598, 629, 630, 631, 632, 634, 635, 818, 858, 1013, 1014, 1016, 1414, 1415, 1630, 1632, 1633, 1638, 1664, 1860, 1861, 1862, 1863, 2051 Covariance function Crack detection 583, 729, 1113 Damping coefficients 206, 216, 256, 280, 346, 376, 432, 452, 453, 499, 825, 845, 849, 899, 1034, 1035, 1660, 1863, 2063, Crack growth 124 Abstract Numbers: 1-200 201-402 403-589 590-767 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Damping coefficients (cont.) Diagnostic techniques (cont.) Damping effects Diesel engines 990 Damping 31, 43, 60, 68, 76, 80, 105, 113, 130, 147, 157, 174, 179, 210, 220, 259, 269, 315, 316, 330, 366, Differential equations 782, 1795 174, 179, 210, 220, 259, 269, 315, 316, 330, 366, 381, 393, 408, 413, 419, 420, 421, 426, 434, 441, 495, 496, 500, 503, 513, 531, 539, 562, 566, 574, 577, 589, 624, 689, 712, 725, 730, 748, 779, 791, 793, 801, 802, 806, 842, 851, 940, 942, 947, 948, 955, 1021, 1037, 1048, 1049, 1051, 1082, 1128, 1151, 1168, 1185, 1186, 1228, 1277, 1286, 1291, 300, 1304, 1328, 1331, 1344, 1351, 1351, 1361, 1361 Digital control Digital filters 527, 928, 955 1300, 1304, 1328, 1331, 1344, 1351, 1354, 1361, 1542, 1587, 1594, 1607, 1698, 1730, 1745, 1786, Digital simulation 154, 363, 1353, 1378 1874, 1893, 1900, 1952, 2000, 2075, 2076, 2105, 2139, 2168, 2179, 2180, 2202, 2204, 2239, 2269, Digital techniques 2270, 2272 325, 397, 1283, 1826 Discrete fourier transform 213, 415, 1127, 1135, 1387, 1388, 1389, 1599, 1813 1746, 1867, 1876, 2295 Data dependent systems Disks 440, 454, 455, 637, 652, 656, 657, 658, 695, 829, 839, 847, 1081, 1254, 1373, 1443, 1464, 1465, 1466, 1467, 1514, 1680, 1891 378 Data processing 521, 540, 801, 2246 Dissipation 624, 664 Data reduction 328, 520, 718, 911, 912, 913, 914, 1111, 1112, 1283, 1531, 1532, 1533, 1534, 1744, 1745, 1746, 1747, 1945, 1946, 1947, 2246 Distributed parameter 380, 1786 Deconvolution techniques Domes 891, 1498 Deformation methods Donnell theory 85, 194, 383, 492, 1249, 1264, 1271, 1348, 1484, 1543, 1691, 1891 699, 1260, 1917 Doppler effect Design data 134, 1763, 2100 254, 276, 587, 588, 589, 778, 1364, 1365, 1998 Doubly asymptotic approximation 615, 744 Design Information 1366, 1367, 2158 Drilling Design sensitivity analysis 370 Drills Design techniques 106, 107 23, 159, 190, 199, 364, 779, 780, 781, 782, 997, 1055, 1368, 2000, 2001, 2159, 2160, 2312 Drives 1371, 1802, 2165 Detection 653, 731 Ducts 79, 81, 128, 292, 293, 1069, 1070, 1075, 1240, 1241, 1242, 1681, 1682, 1980 Detectors 119, 146 Duffing differential equations Detonation waves 760, 1023, 1555, 1128 127 Duffing oscillators Diagnostic techniques 570, 946, 1132, 1145, 1767 575, 256, 329, 330, 331, 403, 522, 523, 524, 525, 526, 527, 719, 720, 721, 722, 915, 916, 1045, 1113, 1114, 1284, 1285, 1288, 1535, 1748, 1749, 1750, 1948, 1949, 1950, 1951, 2111, 2112, 2113, Dynamic analysis 175, 212, 221, 268, 362, 373, 449, 465, 594, 595, 627, 657, 717, 751, 761, 770, 790, 791, 941, 950, 2114, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 951, 953, 993, 994, 995, 1057, 1077, 1092, 1161, Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

2

3

4

5

6

7

9

10

Dynamic analysis (cont.) Earthquake prediction 1, 1357, 1391, 1392, 1396, 1413, 1443, 1487, 1684, 1702, 1821, 1881, 1976, 1990, 1992, 2090, 2105, 2165, 2217, 2276 1964 Earthquake resistant structures 1127, 1173, 2001 Dynamic buckling 1800 Earthquake response 16, 294, 412, 573, 604, 612, 739, 864, 870, 1135, 1308, 1310, 1387, 1388, 1589, 2182 Dynamic elasticity 10, 26, 78, 138, 187, 199, 215, 869, 935, 980, 983, 1169, 1306, 1307, 1309, 1367, 1389, 1500, 1599, 1775, 1956, 2173 Dynamic excitation 437 Dynamic force analysis 648, 847 Eccentricity 202, 267, 458 Dynamic modeling 356, 361 Eigenfunction expansion method Dynamic programming 558, 1230 Elgenvalue modification technique Dynamic properties 48, 324, 411 Eigenvalue problems Elgenval ue problems 65, 89, 109, 148, 196, 301, 307, 360, 479, 547, 548, 559, 600, 607, 646, 765, 770, 856, 939, 944, 949, 956, 987, 1017, 1117, 1126, 1134, 1136, 1157, 1226, 1234, 1286, 1332, 1333, 1334, 1340, 1347, 1357, 1449, 1510, 1546, 1666, 1682, 1776, 1778, 1779, 1782, 1783, 1803, 1822, 1970, 1990, 1997, 2065, 2239, 2276 Dynamic relaxation Dynamic response 15, 20, 41, 44, 62, 66, 147, 214, 252, 275, 295, 353, 370, 469, 588, 609, 612, 663, 669, 679, 683, 702, 739, 749, 797, 798, 821, 824, 857, 859, 895, 920, 934, 942, 975, 1053, 1063, 1081, 1094, 1109, 1108, Eigenvalue techniques 2269 920, 934, 942, 975, 1035, 1035, 1031, 1034, 1103, 1103, 1103, 1103, 1103, 1103, 1103, 1103, 1103, 1229, 1261, 1275, 1302, 1325, 1393, 1459, 1468, 1512, 1597, 1602, 1608, 1672, 1711, 1760, 1766, 1794, 1812, 1813, 1882, 1968, 1998, 2018, 2072, 2144, 2157, 2160, 2176, 2238 Elastic analysis 687 Elastic foundations Dynamic stability 67, 425, 649, 674, 698, 699, 1026, 1100, 1171, 1236, 1248, 1660, 1777, 1820, 2075, 2224 300, 476, 594, 686, 886, 984, 1094, 1189, 1589, 1688, 1708 Elastic half-space Dynamic stiffness 608, 1512, 1718 25, 418, 1277, 1452, 1453, 2155 Elastic media Dynamic stress concentration 1158 727, 1355, 1488, 1770 Elastic plastic properties 193, 214, 304, 584, 677, 902, 903, 1346, 1793, Dynamic structural analysis 114, 130, 197, 244, 316, 357, 372, 389, 510, 527, 556, 562, 670, 727, 737, 765, 771, 889, 921, 949, 2144, 2216, 2236, 2298, 2301 1112, 1206, 1617, 1693, 1784, 2116, 2180, 2247, Elastic properties 18, 149, 221, 290, 321, 611, 655, 671, 772, 897, 968, 1089, 1184, 1493, 1797, 1977, 1981, 1991 2260, 2303 Dynamic systems 355, 369, 755, 957, 969, 1136, 1334, 1338, 1340, 1553, 1774, 2250, 2270, 2291 Elastic supports 1666 Dynamic tests 34, 85, 90, 108, 131, 165, 328, 366, 870, 896, 919, 1297, 1310, 1857, 2256 Elastic theory 319 Dynamic vibration absorption (equipment) Elastic waves 118, 139, 797, 1095, 1929, 2088, 2237 - E -Earthquake damage Elasticity theory 14 487 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

10

11

12

Issue:

Elasticity Equivalent continuum method 1172 Elastic-plastic properties Equivalent | inearization method 1272 151, 247, 376, 952 Elastodynamic response Euler beams 77, 1217, 1671, 1672 52, 416, 757, 1601, 2103 Elastohydrodynamic properties Euler equation 251, 258, 261, 343, 456, 724, 819, 1646, 2208, 388, 1010, 1263, 1765, 2103 2209, 2285 Euler-LaGrange equation Elastomeric bearings 348, 569 796 Excitation 480, 537, 542, 552, 587, 740, 915, 923 Elastomers 450, 530 Exhaust systems Electric motors 590, 591, 1372, 1373, 1590, 1591, 2005, 2006, 2166 Experimental data Experimental data 105, 181, 205, 237, 255, 275, 277, 311, 340, 386, 446, 457, 460, 483, 503, 596, 681, 684, 694, 698, 727, 778, 835, 843, 852, 864, 867, 881, 889, 916, Electrohydraulic systems 918, 989, 1048, 1059, 1079, 1088, 1099, 1105, 1201, 1204, 1231, 1245, 1250, 1254, 1264, 1266, Electromagnetic excitation 816 1273, 1276, 1280, 1299, 1302, 1355, 1383, 1394, Electromagnetic properties 1433, 1443, 1451, 1455, 1400, 1403, 1449, 1479. 1481, 1485, 1492, 452 1515, 1531, 1610, 1617, 1645, 1655, 1719, 1744. 1745. 1768. 1803, 1807, 1817, Electronic test equipment 1819, 1830, 1862, 1872, 1878, 1895, 1904, 1975, 1211, 1212 2000, 2004, 2019, 2035, 2046, 2064, 2090, 2095, 2115, 2117, 2120, 2121, 2125, 2168, 2171, 2203, Elliptic functions 2211, 2220, 2254, 2275 97, 312, 321, 648, 1120, 1439, 1462, 1555, 1557, 1583, 2066 Experimental modal analysis 126, 231, 332, 432, 533, 1624, 2303 Energy absorption 860 Experimental results Energy dissipation 64, 419, 511, 1872, 2219, 2236 Expert systems Energy methods 461, 803 Explosions 743 Energy transfer 1941 Explosives 411, 605, 733, 734, 736, 742, 745, 922, 1183 Engine vibration 66 - F -Engines impellers Facilities 998, 1209, 2193 2028 Engines 465 Failure analysis 191, 1685 Equations of motion Fallure detection 184 215, 550, 654, 722 Equilibrium methods Fan blades 385, 633 592 Equipment response 403, 592, 788, 815, 1374, 1803, 1804 Equipment-structure interaction Fast fourier transform 718, 821, 914, 1461, 1534, 1950, 1967, 2000, 2113, Abstract
Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

Issue:

3

5

6

7

12

9

8

10

Fast fourier transform (cont.) Flances 2183, 2238, 2272, 2280 667 Fatique life Flexible rotors 168, 449, 626, 1108, 1405, 1456, 1737, 1739, 1760, 267. 824 2060 Flexural stiffness Fatique tests 706 120, 279, 528, 1115, 1739, 2115 Flexural vibrations 52, 75, 94, 439, 481, 814, 1080, 1247, 1252, 1253, 1442, 1460, 1503, 1542, 1598, 1692, 1701, 1716, 1808, 1869, 1882, 2084 732, 124, 188, 320, 322, 500, 528, 565, 820, 904, 954, 977, 1105, 1146, 1156, 1267, 1416, 1511, 1608, 1634, 1655, 1729, 1738, 1750, 1752, 2029, 2091, 2102, 2237, 2292, 2297, 2305 Flexural waves 477, 483, 682 Fiber composites 1096 Floating bodies Fiber ontics 119, 236, 1848, 1851, 2198 Floating floors 242 Fibers 495, 499, 503, 898 Floating structures Field test data 407, 931 Floors 407 Filters (frequency) Floquet theory 911, 1531 349, 425, 501, 975, 1061, 1160, 1216, 1324, 1649 Finite element method 48, 88, 94, 102, 164, 173, 182, 183, 184, 186, Flow induced vibration 187, 189, 190, 193, 194, 195, 198, 212, 213, 214, 58 228, 231, 249, 252, 269, 279, 304, 315, 318, 321, 348, 381, 382, 383, 384, 385, 386, 387, 388, 389, Flow measurement 390, 391, 392, 393, 394, 395, 403, 465, 509, 553, 560, 577, 578, 579, 580, 581, 601, 611, 612, 662, 210, 268, 427, 1067, 1111 667, 697, 709, 744, 761, 764, 769, 770, 771, 772, Flugge's shell theory 773, 774, 775, 788, 790, 829, 839, 891, 892, 959, 2093 960, 961, 962, 963, 984, 987, 994, 1031, 1036, 1042, 1054, 1056, 1057, 1075, 1083, 1092, 1093, Fluid film bearings 1146, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 452 1158, 1159, 1160. 1161. 1162. 1163. 1164. 1165. 1192, 1264, 1166, 1171, 1239. 1272. 1273. 1341. Fluid inertia forces 1345, 1346, 1347. 1349, 458, 632, 1014, 1017, 1025, 1044, 1630, 1631 1343, 1344, 1348, 1355, 1358, 1375, 1388, 1389, 1398, 1418. 1437. 1477 1483, 1487, 1522, 1548, 1486. 1566. Fluid mass 1575. 1576. 1579, 1580, 1582. 1577. 1578, 1581. 1583. 1584 723 1614, 1585, 1606, 1611, 1612, 1619, 1631, 1684. 1691, 1699, 1722, 1740, 1788. 1789, 1787. Fluid mechanics 1771. 1790, 1791, 1792, 1793, 1794, 1796, 1795. 1797, 1382, 2229 1870, 1871, 1873, 1887, 1907, 1961, 1798. 1905. 1982, Fluid structure interaction 109, 733, 1610, 1779 1980, 1981, 1983, 1984, 1985, 1986, 1987, 1990, 1991, 1992, 1988, 1993, 1989. 2048, 2059, 2069, 2072, 2083, 2133, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2171, 2182, 2228, Fluids 2236, 2276, 2298, 2299, 2300, 2301, 2302, 2303, 87, 176, 178 2304, 2305, 2306, 2307, 2308, 2309, 192, 156, 359 Fluid-filled media Finite element techniques 8, 67, 282, 74, 117 Fluid-filled Finite integral method Fluid-film bearings 205, 659 Fixtures Fluid-induced excitation 1836, 1837 344, 614 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19 7 10 11 12 6 8 9 Issue: 2 3 6

39, 1100, 1385, 1399, 1818, 2031 73, 498, 499, 501, 531, 540, 673 Force generators Frequency analysis 926, 2122 816, 1803 Forced vibrations Frequency coefficients 13, 1253, 1701 347, 833, 853, 873, 985, 1023, 1080, 1453, 1676, 1706, 2033, 2171, 2249, 2256 Frequency domain method 402, 622, 1193, 1392, 1603, 1752, 1953, 1974, 1975, 2139 Forcing function 545 Forging Frequency equation Foundations Frequency response function 18, 129, 161, 415, 956, 1270, 1753, 2118 Foundations 9, 15, 16, 17, 138, 139, 187, 215, 416, 417, 418, 582, 608, 609, 610, 611, 753, 797, 798, 983, 984, 985, 1020, 1184, 1185, 1186, 1187, 1188, 1189, 1389, 1600, 1706, 1814 Frequency response 205, 286, 332, 374, 571, 771, 827, 952, 999, 1148, 1259, 1532, 1533, 1555, 1558, 1656, 1723, 1744, Four bar mechanisms 49 Friction excitation Fourier analysis 805 735, 930, 1488, 1911 Friction 105 179, 464, 472, 641, 751, 828, 837, 852, 961, 1032, 1033, 1171, 1266, 1343, 1381, 2022, 2285, Four integrals 308 Fourier series 567. 1095 Frobenius method Fourier transformation 122, 150, 324, 365, 402 746, 1697, 1857, 1945, 1947, 2262 Fundamental frequencies 481, 871 - G -Fracture properties 317, 730, 902, 905, 906, 1106, 1107, 1108, 1146, 1175. 2292 Gauges 237, 239 Framed structures 82, 83, 283, 1789 Galerkin method 148, 189, 300, 470, 484, 485, 619, 649, 670, 699, 878, 1060, 1145, 1385, 1387, 1410, 1500, 1502, 1560, 1669, 1688, 1809, 1883, 1898, 1967, 2078 Frames and arches Gas turbines Frames 294, 295, 471, 472, 606, 676, 677, 787, 864, 867, 868, 869, 870, 1071, 1072, 1243, 1468, 1683, 1684, 1685, 1686, 1687, 2071, 2218, 2219, 2220, 2221, 1011, 1859 Gaussian distribution (density) 2222 22A7 Gear boxes Fredholm equation 963 226 Gear drives 1420 Free vibration 99, 100, 143, 306, 307, 309, 312, 479, 568, 579, 995, 100, 143, 306, 307, 309, 312, 479, 366, 579, 656, 666, 691, 704, 705, 706, 708, 854, 881, 941, 995, 1056, 1088, 1092, 1098, 1186, 1235, 1259, 1408, 1409, 1452, 1471, 1482, 1499, 1590, 1694, 1703, 1714, 1716, 1724, 1783, 1784, 1814, 1885, 1912, 1913, 1969, 2068, 2080, 2081, 2086, 2092, 2081, 2086, 2092, Gear noise 636, 1419, 2055 Gear teeth 591, 1019, 1418 2218, 2268 Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

Freight cars

1621, 1622

Fluid-structure interaction

92, 612, 960, 1469, 1961, 1988

3

Hamiltonian principle 53, 303, 467, 686, 1129, 1160, 1161, 1216, 1235, 1236, 1458, 1714, 1887, 1966 Gears Gears 3, 4, 44, 45, 208, 248, 249, 449, 526, 534, 636, 637, 638, 819, 820, 1018, 1019, 1208, 1372, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1634, 1635, 1636, 1802, 1864, 1865, 1866, 1867, 1868, 2008, 2052, 2053, 2054, 2055, 2056, 2057, 2203 Hammers 971 General modeling 396, 397, 582, 584, 776, 964, 965, 966, 967, 968, 969, 1167, 1168, 1169, 1170, 1171, 1172, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, Hand and arm 812, 1406 Hankel transformation 1359, 1360, 1361, 1362, 1363, 1386, 1587, 1588, 1799, 1800, 1801, 1994, 1995, 1996, 1997, 2152, 2153, 2154, 2155, 2156, 2157, 2310, 2311 Harbors 16, 799, 986, 1390, 1602 Generators 2016, 2017, 2109 Harmonic analysis 115, 2309 Geometric effects 164, 562, 576, 1058, 1139 Harmonic balance method 571, 760, 1558 Grain silos 697 Harmonic excitation 200, 471, 1586, 1902, 2173 Graphic methods Harmonic functions 352, 1551, 1762, 2145 Graph I te Harmonic response 24, 169, 472, 610, 679, 1120 Gravity method Harmonic waves 714 61, 1087, 1931, 2009 Green function 365, 663, 1010, 1207, 1238, 1569, 1711, 1822, Head (anatomy) 1897, 1965, 2102, 2248, 2264 1008 Grinding Heat exchangers 314, 491, 821, 1262, 1637, 1637, 1723, 2094, 2095, 789, 2008 2096 Ground motion 12, 16, 47, 151, 409, 410, 608, 797, 980, 1123, Heat generation 460 Heat transfer Ground vehicles 134, 231, 2029 46, 113, 1643 Ground vibration Heaving 11, 21 Helical springs Gurtin's method 1222 Hellcopters 27, 53, 54, 223, 424, 425, 617, 820, 928, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1215, 1403, 1404, 1823, 2000, 2031, 2032, 2189 Gyroelastic properties 163, 726 Gyroscopic effects 334, 344, 646, 652, 659 Helmholtz Integral method 350, 1141, 1934 - H -Helmholtz resonators 981, 1627, 1690 Half plane Hertzian contact Hal f-space Hamiltonian functions Hibbert transforms 716 1127 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19 10 11 12 Issue:

493, 615, 768 145, 638, 943, 1008, 1059, 1386, 2021 High frequency resonance technique Impact load prediction 492, 584, 860, 861, 1190, 2220, 2221, 2259 Hilbert transforms 409, 496, 721, 2113 Impact noise 242, 1833 Hill's equation Impact response 339, 541, 862, 1167, 1479, 2018, 2096, 2099, 2156, 2170 41, 180 Hol es 1505 Impact shock 1816 Holographic techniques 879, 1007, 1480, 2039, 2042 Impact tests 34, 139, 140, 438, 938, 1315, 1320, 1398, 1636, 1709, 1735, 1764, 1932, 1936, 2043 Honey comb 1924 Impedance methods Hopkinson bars 350, 1325 Impedance techniques Houbolt methods 1094 Impedance 265, 299, 375, 582, 755, 914, 1995 Housings 534 Impellers 1804, 2011, 2164 Human response 241 Impulse response 295, 324, 937, 1069, 2070, 2264 Hybrid elements 382, 693, 709, 2304 Impulse testing 683, 741, 1241, 1242, 1530 Hybrid simulation Industrial facilities Hydraul ic systems 395 876, 1847, 2013 Inelastic response spectra 394 Hydraulic turbines 793 Inertia relief method Hydrodynamic coefficients 792 Inertial forces 49, 50, 462, 512 Hydrodynamic excitation 3, 935 Inextensional waves Hydrodynamic lubrication 51, 458, 1024, 1039, 1044 Influence coefficient method Hydrodynamic response 960, 1029, 1594, 1603, 1824, 2190 Input functions Hydrostatic bearings 1752 Instrumentation 127, 232, 233, 234, 235, 236, 237, 238, 239, 240, 436, 437, 614, 622, 807, 808, 809, 810, 811, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1209, 1210, 1211, 1212, 1213, 1214, 1250, 1285, 1272, 1273, 1274, 1275 Hysteretic damping 351, 414, 554, 868, 1913 Hysteretic systems 151 1321, 1364, 1623, 1624, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, - 1 -1850, 1851, 1852, 1853, 1854, 1855, 1856, 1959, 2037, 2038, 2039, 2040, 2041, 2042, 2194, 2195, Impact damper 1012 2196, 2197, 2198, 2199, 2200, 2201 Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19 10 5 6

Impact force

High frequencies

Integral equations Jet noise 394, 490, 546, 738, 1325, 1569, 1897, 2026 57. 2123 Integral transformations 83, 413, 472, 801, 802, 1009, 1362, 1433, 1434, 1442, 1455, 1673, 1802, 2121, 2218, 2219 149, 903 Integral transforms Journal bearings 206, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 343, 380, 451, 452, 453, 454, 350, 1556, 1966 Integration methods 409, 1547, 1559, 1973 270, 271, 272, 273, 343, 300, 451, 452, 453, 454, 455, 456, 457, 458, 459, 639, 640, 641, 642, 643, 644, 645, 646, 665, 822, 823, 824, 825, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, Interaction: Rail-wheel 1831 1042, 1043, 1044, 1424, 1425, 1426, 1427, 1428, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1869, 1870, 1871, 2058, 2059, 2063, 2206, 2207 Interferometers 119, 301, 329, 1001, 1214 Interferometric techniques 2039 Jump phenomena 166, 945 Interior noise 222 - K -Internal combustion engines Kalman filter technique 648, 989, 1475 1835 Internal damping Kinematics 114, 305, 369, 438, 488, 557, 595, 666, 707, 826, 1217, 1237, 1243, 1337, 1431, 1432, 1434, 1667, 1865, 1868, 1901, 2053, 2222 Internal friction 76, 531, 720, 838 Kinetoelastodynamic response Internal resonance 763, 1131, 1906, 2185 Kirchhoff theory Internal stress 1251, 1352, 1548, 1576 1517 Kron method Inverse solutions 393 143, 555, 939, 1380 - L -Lagrange equations 392, 400, 585, 829, 1189, 1224, 1225, 1496, 1700, Inverse variational principle 2123 1719, 1986, 2103 1 solation 47, 12, 448, 942 Lagrangian method 194, 305, 691, 704, 705, 751, 769, 774, 960, 961, 1077, 1160, 1571, 1675, 1796, 1978 Isolators 251, 450, 827, 1020, 1021, 1022, 1023, 1220, 1221, 1222, 1223, 1423, 1638, 1639, 2204, 2205 Laminates I soparametric elements Lanczos method 1134, 1391, 1969 25, 156, 1083, 1580 Isotropy 311, 477, 480, 682, 692, 714, 881, 930, 1152, 1720, 1920, 2085, 2104 Landing 1816 Iteration Laplace transformation 175, 273, 313, 380, 547, 558, 658, 1343, 1344, 1551, 1584, 1615, 1682, 1713, 1766, 1779, 2146, 894, 1084, 1712, 1717, 1734, 2070, 2090 2298 Large amplitude vibration 21, 97, 128 - 1 -Jacquot's method Large amplitudes 1451 69 Jet engines Laser speckle method 32, 1412 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 2 3 4 5 6 7 8 9 10 11 12

Lasers Loss factors 248, 1001, 1007, 1709 210, 297, 1698 Laser-Doppler method Lubrication Lubrication 42, 202, 261, 380, 459, 525, 642, 650, 1017, 1025, 1027, 1030, 1032, 1040, 1041, 1043, 1052, 1420, 1421, 1424, 1425, 1640, 1645, 1646, 1647, 1653, 1655, 1709, 1871, 2051 681, 1859 Lateral response 665, 676, 982, 1269 Lateral vibrations Lumped mass method 93, 855, 878, 1256, 1468, 1724 1718 Lattices Lumped parameter method 1475 158, 356, 551, 864, 967, 968, 1952 Launching Lumped parameter 398, 585 432 Layer damping 469, 790 Lyapunov's method 285, 287, 817, 1621, 1862, 2151, 2265 Layered materials - H -315, 495, 501, 502, 504, 690, 692, 713, 742, 877, 899, 1083, 1096, 1278, 1433, 1917, 1918, 2098, 2143 Machine tools 790, 791, 910, 971, 972, 1176, 1177, 1375, 1592, 1805, 1806, 1807, 2007, 2008, 2009, 2010 Leaf springs 237, 967 Machinery vibration 534, 1019, 2049 Least squares method 496, 517, 518, 520, 1752, 1894, 2233, 2250 Mach Inery 535, 778, 781, 916, 1748, 1749 Legendre functions Macroel ement method Life estimation 22, 160, 188 Magnetic bearings Life prediction 366, 367, 563, 564, 565, 1142, 1570, 1780, 2290, 2291, 2292 646 Magnetic tapes 678 Linear programming 1550, 1685 Mapping 758 Linear systems 33, 137, 276, 422, 544, 985, 1138, 1609 Marine risers 620, 1076, 1392 Linear theories 158, 262, 358, 389, 630, 1191, 1604, 2277 Marine systems 11, 28, 29, 30, 31, 141, 428, 614, 665, 724, 747 Linearization methods 154, 196, 902, 1213, 2127, 2137 Markov vector method Linkages 52, 274, 275, 647, 648, 649, 674, 717, 778, 826, 827, 1224, 1225, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1648, 1649, 1650, 1872 Masonry 2176 Mass coefficients 376 Liquefaction 1313, 1358 Mass matrices 162, 579, 744, 950 Liquid springs 1223 Mass variation 112 Liquids 630, 695, 1508, 1509, 1513, 1514, 1516, 1732, 1925, 1926, 1927, 1928, 2099, 2100, 2101 Mass-beam systems Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

issue:

2

3

4

5

6

7

8

9

10

498, 504, 507, 529, 900, 1613, 2249 Metals Materials handling equipment Metals 317, 318, 319, 320, 321, 322, 498, 506, 507, 514, 714, 901, 902, 903, 904, 905, 906, 1106, 1107, 1108, 1267, 1510, 1511, 1512, 1515, 1517, 1518, 1519, 1520, 1522, 1523, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1929, 1930, 1931, 1932, 1933, 1934, 2102, 2103, 2104, 2235, 2236, 2237 1376 Materials 745 Mathematical models Mathematical models 84, 245, 340, 378, 379, 488, 591, 831, 868, 992, 1085, 1102, 1169, 1215, 1262, 1263, 1264, 1269, 1355, 1363, 1385, 1418, 1460, 1549, 1572, 1593, Microcomputers 384, 435, 515, 524, 581, 677, 724, 832, 1000, 1118, 1312, 1950, 2256, 2280 1617, 1818, 1874, 1914, 2157, 2176, 2230, 2247, 2310 Microphones 909 Mathleu functions 470, 1462 Mindlin theory 685, 694, 1086, 1248, 1489, 1695, 2224 Matrix functions 1777 Mirsky method Matrix methods 1008 3, 99, 143, 442, 486, 577, 578, 940, 948, 1068, 1452, 1453, 1568, 2023, 2071, 2149, 2155 Misal ignment 260, 451 Maximum entropy spectral analysis 1746 Missiles 924, 1319 Mean square response 1301, 2131, 2185 Mixed element technique Measurement Instruments Mobile ground systems 1296 Measurement techniques 248, 336, 459, 518, 530, 531, 565, 2196 Mobility method 265, 272, 882, 1648 Measurement 33, 91, 116, 119, 126, 161, 332, 333, 723, 724 Modal analysis 62, 110, 161, 162, 163, 188, 231, 303, 336, 337, 521, 554, 566, 673, 725, 726, 762, 809, 874, 1290, 1805, 1874, 2140, 2146, 2212 Measuring instruments 232, 398, 506, 2052 Modal balancing technique Mechanical components 367, 2159 910, 2107 Modal coupling Mechanical drives 3. 245 1074 Mechanical Impedance Modal damping 398, 728, 816 513, 529, 1046, 1280, 2252 Mechanical properties Modal filters 1731 146 Mechanical systems Modal models 145, 442, 443, 444, 467, 468, 566, 595, 779, 1118, 1137, 1342, 1558, 1587, 1799, 1857, 1979, 2147, 2152, 2166, 2269, 2272, 2274, 2290, 2291, 2311 771 Modal strain energy method 219, 228, 230, 360, 420 Mechanisms Modal superposition method 361, 362, 713, 822, 826, 834, 1032, 1033, 1108, 416, 953 1121, 1327 Modal synthesis 146, 405 Membranes 84, 85, 111, 170, 473, 474, 678, 679, 703, 871, 1073, 1090, 1469, 1497, 1615, 2227, 2308 Modal tests 96, 110, 125, 129, 334, 335, 532, 725, 727, 728, Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 12

Metal working and forming

Material damping

Modal tests (cont.) 917, 918, 919, 920, 921, 1116, 1117, 1286, 1287, 1751, 1752, 1753, 1952, 1953, 1954, 1955, 2116, 2117, 2118, 2254 Multi-bearing rotors 836 Multi-degree of freedom systems 1566, 1573 Mode approximation technique 1715, 1904, 2136 Multi-degree-of-freedom 137, 622, 947, 966, 976, 1486, 1586, 1775, 157, 2071 Mode shapes 539, 550, 103, 163, 177, 301, 314, 330, 346, 422, 537, 656, 726, 728, 835, 887, 951, 955, 956, 1060, 1086, 1222, 1247, 1447, 1458, 1471, 1590, 1591, 1598, 1607, 1668, 1689, 1694, 1716, 1721, 1776, 1780, 1994, 2033, 2047, 2140, 2153, 2154, 2228 Myklestad-Prohl method - N -Mode superposition method Narrow-band excitation 544, 2126 1330 Model testing Natural frequencies Natural frequencies 4, 18, 22, 62, 63, 75, 80, 94, 104, 113, 143, 182, 188, 203, 284, 291, 293, 310, 313, 314, 316, 346, 364, 371, 373, 423, 425, 439, 440, 482, 486, 548, 568, 597, 605, 625, 652, 656, 666, 686, 691, 695, 7, 998, 2253 Modeling techniques 22, 24, 51, 65, 69, 84, 114, 121, 144, 160, 162, 164, 168, 182, 183, 184, 185, 186, 189, 191, 195, 196, 265, 390, 392, 395, 396, 397, 415, 510, 583, 775, 959, 1046 704, 705, 706, 708, 794, 796, 829, 830, 844, 859, 874, 886, 887, 890, 897, 917, 934, 937, 967, 968, 978, 979, 987, 1057, 1077, 1086, 1093, 1219, 1222, 1225, 1227, 1247, 1249, 1255, 1259, 1324, 1409, 1447, 1499, 1471. 1447, 1450, 1458, 1483, 1487, 1542. Model ina 1607, 1620, 1639, 1566 1668, 1684, 1689, 1692, 1694, 1696, 1707, 1724, 1730, 1760, 1803, 1814, 1883, 1887, 1890, 1893, 1912, 1913, 1970, 1971, Moire effects 1984, 1994, 2011, 2014, 2030, 2033, 207 2083, 2092, 2172, 2188, 2202, 2223, 2266 2246 2074, 2079, Monitoring equipment Navier-Stokes equations 388, 633, 964, 986, 1010, 1036, 1196, 1514, 1618, 1983, 2064, 2279, 2281, 2283, 2284 1625 Monitoring techniques 6, 338, 523, 916, 2010 Newmark method 567, 1031 5, 127, 522, 534, 535, 536, 729, 730, 731, 732, 1118, 1535, 1536, 1537, 1538, 1754, 1755, 2255, 2256, 2257, 2258 Newtonian fluid 451, 1030, 1502, 1513, 2150 Monte Carlo method Newton-Raphson method 554, 869, 1018, 1148, 1330, 1561, 1911, 1925, 1960 391, 555, 607, 700, 951, 1020, 1496, 2126 Motor vehicle noise Noise barriers Motor vehicles Noise generation 5, 2013 329 Motors Noise measurement 2, 115, 661, 1002 133, 1544, 1804, 1879, 2161, 2162 Noise prediction Moving loads 142, 859, 1110 222, 329, 466, 592, 778, 815, 1162, 1741, 1864, 1963, 2175 Moving structures 349 Mufflers 815, 1141, 1197, 1323, 1436, 1873 132, 155, 180, 351, 374, 375, 616, 617, 784, 907, 933, 939, 972, 981, 1010, 1069, 1504, 1530, 1626, 1829, 1831, 1832, 2163, 2175, 2190, 2245, 2275 Multibody systems 177, 345, 557, 988, 1167, 2156 Multiple analysis Noise-induced excitation 368 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

7

3

Noncircular cross section Numerical methods (cont.) 769, 792, 799, 800, 814, 822, 845, 867, 876, 934, 939, 941, 948, 950, 953, 995, 997, 1009, 1041, 1050, 1057, 1062, 1063, 1065, 1070, 1074, 1084, Nondestructive tests 1155, 116, 502, 2252 1088, 1106, 1117, 1129, 1140, 1157, 1159, 1167, 1168, 1171, 1174, 1189, 1196, 1235 1246, 1251, 1255, 1239. 1302. 1305. 1306, Nonholonomic systems 1326 1332, 1335, 1349. 1358. 1385. 1448, 1459, 1477 1966 1489, 1510, 1496. 1505, 1516. 1520. 1523. 1581, 1583. 1571, 1576, 1600. 1604, 1605, Nonlinear analysis Nonlinear analysis
17, 53, 54, 69, 88, 93, 101, 152, 154, 161, 164, 165, 166, 169, 177, 178, 262, 286, 300, 345, 347, 358, 368, 385, 484, 485, 487, 568, 569, 570, 571, 572, 618, 707, 763, 911, 952, 1091, 1093, 1096, 1097, 1103, 1143, 1144, 1145, 1146, 1147, 1148, 1193, 1496, 1578, 1713, 1798, 2134, 2135, 2136, 2181, 2272, 2293, 2296 1615, 1647, 1677. 1705, 1688. 1699. 1701. 1711. 1786, 1821, 1824. 1718, 1720, 1775 1778. 1781. 1834, 1835, 1870, 1873, 1876. 1881, 1910. 1918. 1921, 1931, 1936, 1946, 1973. 1976, 1978, 1980 1981, 1986, 1993, 1999, 2024, 2036, 2073, 2102, 2125, 2135, 2137, 2143, 2146, 2151, 2169, 2191, 2206, 2209, 2220, 2221, 2225, 2264, 2278, 2285, 2287, 2289, 2300, 2302 Nonlinear damping 2074 - 0 -Nonlinear methods Oceans. 217, 351, 352, 353, 354, 355, 356, 380, 550, 551, 133, 933, 986 760, 762, 794, 800, 945, 946, 1128, 1129, 1130, 1311, 1326, 1327, 1558, 1559, 1560, 1561, 1767, 1768, 1769, 1908, 2128, 2270, 2271, 2272 Offroad vehicles 224, 225, 804, 1206, 1405 Nonlinear programming Offshore structures 20, 217, 612, 800, 1142, 1190, 1191, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1798, 1948, 2020, 2021, 2022, 2023, 2024, 2025, 2026 174 Nonlinear response 330, 898, 1065, 1599, 1834, 1876, 2286 Nonlinear systems Oil analysis 378, 1132, 2294 Nonlinear theories 111, 167, 168, 170, 186, 257, 305, 306 209, 260, 264, 447, 675, 819, 1644 Nonproportional damping Oll whip phenomena Nonsynchronous vibration Oil whirl phenomena 207, 331, 1015 1038 Normal density functions Optical methods 799, 1163 236, 588, 809, 1467, 1859 Normal mode Optimization techniques 1174, 190, 370, 371, 372, 383, 400, 558, 572, 672, 717, 720, 764, 777, 781, 826, 954, 973, 1016, 1031, 1126, 1149, 1150, 1170, 1177, 1218, 1336, 1337, 1571, 1572, 1628, 1657, 1921, 1970, 1978, 1991, 2027, 2124, 2138, 2294 473, 1480, 1485, 1827 Nozz Les 597, 1241, 1242, 1919 Nuclear explosions 1239 Optimization 1, 82, 249, 1701, 2044, 2063, 2195, 2215, 2282, Nuclear power plants 160 Optimum control theory 1909, 2212 Nuclear systems 90, 92, 113, 599, 1316 Optimum design 283, 399, 400, 412, 677, 783, 933, 954, 970, 971, 1020, 1101, 1149, 1173, 1174, 1657, 2058, 2177, 2207, 2215 Nuclear weapons 734, 1209 Numerical methods 38, 87, 144, 152, 171, 176, 226, 268, 284, 287, 290, 302, 354, 369, 412, 431, 456, 482, 487, 546, 595, 599, 603, 670, 675, 684, 688, 710, 737, 754, Orlfices 1472 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19 Issue: 3 5 6 7 8 9 10 11 12

Perturbation theory
72, 125, 334, 344, 446, 763, 766, 767, 828, 850,
854, 948, 1026, 1130, 1490, 1671, 2036, 2128,
2154, 2217, 2293, 2301 Orthotropi sm 17, 95, 439, 485, 691, 1077, 2068, 2084 59, 79, 80, 123, 352, 404, 447, 569, 620, 645, 679, 754, 760, 794, 874, 1012, 1066, 1100, 1130, 1194, 1200, 1225, 1439, 1440, 1462, 1464, 1500, Photoelastic analysis 333, 1257, 2221 1514, 1552, 1580, 1616, 1627, 1704, 1715, 1728, 1841, 1844, 1868, 1888, 1909, 1915, 1919, 2015, 2020, 2035, 2073, 2093, 2101, 2141, 2142, 2231, Plezoelectric transducers 33, 240, 1102 2233, 2268, 2310 Plezoelectricity 1003, 1210, 1665, 1845 19, 41, 152, 166, 347, 354, 368, 541, 542, 545, 752, 945, 1143, 1328, 1356, 1361, 1363, 1557, 1560, 1561, 1562, 1573, 1586, 1651, 2128, 2151, 2204, 2273 Pile foundations 168, 212, 1601 Pile structures Oscilloscopes 18, 289, 863, 1268, 1275 1006, 1839, 2112 Pipel ines 110, 1745, 1895, 1927, 2072, 2231 - P -Pipes and tubes Panels 86, 87, 229, 230, 296, 297, 475, 872, 873, 1074, 38, 90, 93, 113, 176 1075, 1244, 1470, 1471, 1688, 1689, 1690, 1892, 1893 Pipes 91, 92, 160, 178, 298, 299, 476, 680, 681, 874, 875, 876, 918, 966, 1076, 1245, 1246, 1365, 1378, Parameter identification technique 19, 177, 205, 327, 336, 341, 373, 374, 375, 376, 377, 378, 573, 587, 601, 672, 765, 955, 956, 1016, 1102, 1133, 1151, 1289, 1338, 1339, 1572, 1953, 1954, 1974, 1975, 2139, 2140, 2295 1414, 1472, 1473, 1474, 1475, 1476, 1691, 1692, 1693, 1860, 1894, 1895, 1896, 1989, 2022, 2072, 2073, 2074, 2075, 2076 136, 908, 2061, 2243 Parametric excitation 345, 355, 474, 622, 759, 975, 1019, 1125, 1143, 1324, 1327, 1342, 1561, 1781, 2293 Plane mechanisms Parametric response 462, 741, 924, 1168 Plane waves 87, 172, 913, 1519, 1523, 2244 Parametric vibration 66, 180, 552, 1669 Plant maintenance 523 Pasternak foundations Plastic deformation 688 74, 171, 417, 536, 710, 842, 885, 1063 Penalty technique 1155 Plasticity theory Pendulums. 924, 2141 Plasticity 193 Periodic excitation 48, 140, 255, 366, 604, 623, 639, 678, 768, 782, 788, 928, 996, 1060, 1263, 1518, 1527, 1587, 2071 PI ates 68, 70, 89, 94, 95, 96, 97, 98, 100, 101, 102, 103, 111, 239, 293, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 315, 342, 381, 382, 477, 478, Periodic functions 251, 1094, 1298 479, 480, 481, 483, 484, 485, 486, 546, 576, 580, 583, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 877, 878, 879, 880, Periodic response 93, 246, 258, 472, 551, 610, 863, 1181, 1206, 1226, 1697, 1741, 1876, 2173 881, 882, 883, 884, 885, 886, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1096, 1162, 1164, 1247, 1248, 1249, 1253, 1250, 1251, 1252, 1254, 1255, 1256, 1262, Personal computers 520 1362. 1472. 1477. 1478, 1479, 1480, 1481. 1482 1487, 1521, 1575, 1483, 1484, 1485, 1486, 1694, 1695, 1696, 1697, 1698, 1699, 1700. 1701. 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, Perturbation methods 1340, 1573, 1782, 1976, 2141, 2142 1710, 1711, 1712, 1713, 1777, 1791. Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

3

5

6

7

12

9

8

10

Pulse excitation Plates (cont.) Plates (conf.)
1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906,
1907, 1912, 1957, 2077, 2078, 2079, 2080, 2081,
2082, 2083, 2084, 2085, 2086, 2087, 2088, 2143,
2149, 2223, 2224, 2225, 2226, 2227 74, 1359, 1360 Pulse testing techniques Pneumatic equipment Pumps 7, 202, 596, 974, 1377, 1594, 1595, 1808, 2011, 2012, 2013, 2167 993 Poisson's ratio Pyrotechnic shock environments 912, 922, 926, 927, 929, 936, 1220, 1314 238, 513, 529, 1156, 1275, 1717, 2144 Polynomial analysis - 0 -103, 223, 400, 481, 1532, 1533 Quartz crystals Porous 551, 1841 1935, 1980, 2105, 2238 Power plants 2177, 2178 Quartz 2164 Power spectra - R -298 Radial bearings Power spectral density 1621, 1622, 1823, 229, 303, 552, 954, 1229, 1301, 1305, 1338, 1563, 1565, 1746, 1772, 1999, 2074, Radiation impedance 2157 1087 Rail transportation Power transmission systems 56, 281 938 Prediction techniques Railroad tracks 124, 408, 596, 1118, 2159 1536 Presses Railroads 594, 595, 973, 1593 674, 806, 1184 Pressure dam bearings Random excitation 152, 153, 154, 201, 335, 353, 459, 946, 1142, 1229, 1297, 1305, 1331, 1338, 1486, 1753, 1767, 1769, 2030, 2074, 2105, 2129, 2130, 2131, 2137, 263, 639 Pressure vessels 35, 46, 1192, 1610, 1815 2188, 2238 Probability density function 385, 762, 1339, 2273 Random methods Random mernods 330, 357, 552, 553, 554, 565, 696, 737, 947, 1131, 1132, 1133, 1328, 1329, 1330, 1331, 1346, 1562, 1563, 1564, 1565, 1566, 1751, 1770, 1771, 1772, 1773, 1774, 1775, 1967, 1968, 1999, 2129, 2130, 2131, 2132, 2273 Programs (computer) 2059 **Propellants** Random parameters 920, 985 426 Propeller blades 425, 668, 1200, 1203, 1204, 1404 Random response 70, 355, 1350 260, 342, 463, 621, 1825, 1826, 1828, 2034, 2184, 2190 151, 241, 351, 602, 603, 901, 934, 954, 996, 1173, 1283, 1370, 1500, 1563, 1564, 1606, 1771, 1772, 1962, 1999, 2077, 2078, 2127, 2147, 2183, 2185 Pseudo force technique 1801 Random waves 20, 217, 799, 1461, 1931 Psuedo-dynamic testing method 1243, 1547 Rayleigh method 1079, 1126, 1136, 1253, 1485, 1552, 2081, 2243 Pulsation Rayleigh Schmidt method 58, 142, 681, 1232, 1378, 2076, 2178 Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

3

5

Rayleigh waves 477, 714, 1734, 1902, 1996 Response spectra 602, 947, 1303, 1304, 1331, 1335 Ray leigh-Ritz method Response spectral density 40, 71, 86, 103, 764, 1086, 1252, 1259, 1411, 1662, 1710, 1880, 1900, 2086, 2266, 2267 Response 1743. 1757 Rayleigh-Schmidt method 2211 Reverberation chambers Reaction wheels 613 Rigid bodies 163, 362, 519, 598, 761, 1067, 1153, 1777, 1830, 1875, 2019 Real time spectrum analyzer 1534 Receptance method Rigid body modes 234, 557, 1167 293 Reciprocating compressors 203, 1378, 2014 Rigid foundations 216, 390, 410, 1188 Reciprocating engines Rigid frames 792, 1178, 2015 1487, 1524 Rectangular plates 89, 482 Rigid plastic properties Recursive methods Rigid rotors 256, 635, 817, 855 Regression analysis 45, 104, 273, 310, 708, 806, 887, 930, 1041, 1257, 1714, 1715, 1716 Reinforced concrete 187, 1577 Ritz method 100, 282, 312, 352, 469, 482, 582, 1235, 1465, 1480, 1497, 1664 Reissner method 490, 1089, 1507, 1576, 1791, 1901 Ritz vectors Reliability analysis 367, 550, 868, 1018, 1119, 1559, 1687, 2296 949, 950, 953, 1357 Road-vehicle interaction Reliability 387 Robbins-Monro algorithms Residual mode method Robots 274, 361, 373, 647, 896, 975, 976, 1112, 1137, 1224, 1379, 1380, 1381, 1431, 1432, 1435, 1625, 1809, 1997, 2168, 2169, 2170, 2282 Residual stress 320, 1663, 1844 Resonance 166, 440, 474, 529, 532, 568, 570, 618, 623, 625, 657, 663, 836, 841, 858, 875, 944, 945, 981, 1074, 1130, 1147, 1254, 1324, 1376, 1466, 1554, 1603, 1661, 1664, 1680, 1753, 1805, 1893, 1899, 1920, 2020, 2033, 2046, 2048, 2049, 2094, 2141, 2172, 2212, 2261, 2268, 2293 Rocket engines 1227 Rockets 426 Rocking Resonant frequencies 1621 230, 286, 360, 450, 475, 773, 873, 879, 942, 1176, 1181, 1377, 1498, 1590, 1591, 1900, 2069, 2073, 2084, 2234 105, 179, 239, 282, 649, 669, 862, 918, 1258, 1488, 1489, 1717, 1718, 1719, 1768, 1908, 2089, Resonant response 278, 735, 752, 883, 936, 2142 2090 Rolling element bearings 1655, 2056, 2060, 2061, 2062, 2208, 2209, 2255, 276, 460, 642, 650, 651, 652, 653, 654, 655, 721, Resonators 551, 1841 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

7

6

5

Issue:

Rolling element bearings (cont.) 1045. 1438. 1439. 1440. 1652. 1653. 1654. 1656. Rotor-stator Interaction 1046 Routh-Hurwitz criterion 661, 855 Rolling motion 30, 618 Runge-Kutta method 169, 455, 485, 664, 759, 1125, 1359, 1360, 1403, 1429, 1557, 1618, 2076 Rones 2228 Rotary compressors - 5 -1382, 1644 Saint-Venant's principle Rotary wing aircraft 1 478 1202 Sand Rotating machinery 1, 53, 54, 55, 125, 331, 334, 401, 722, 1028, 1228, 1423, 1535, 1538, 1742, 2002, 2014, 2114, 1579 Sandwich beams Rotating structures 337, 363, 435 Sandwich structures 27. 60. 689 Satel | Ites Rotating vector method 1466 Rotation Saws 248, 285, 636, 680, 709, 803, 1662, 1667, 1714, 792 1716, 2068 Scaling 18, 123, 192, 862, 930, 1172, 1307, 1478, 2001 Rotational degrees-of-freedom 126, 392 Sea systems 431, 463, 464 Rotational response 608, 631 Seal s Rotational speed effects 280, 459, 462, 463, 464, 664, 845, 846, 847, 848, 849, 850, 851, 852, 1032, 1040, 1048, 1049, 1050, 252, 661, 708, 840, 853, 958, 1374, 1415 1051, 1052, 1658, 1659, 1660, 2064, 2213, 2214 Rotatory compressors Seismic analysis 14, 25, 137, 213, 602, 603, 2126 Rotatory Inertia effects 75, 104, 284, 299, 309, 310, 484, 704, 877, 1053, 1450, 1452, 1715, 1881 Seismic design 199, 250, 1596, 1811 Rotor dynamics 1051, 1351, 1444, 1906, 2064, 2207 Seismic detection 676 609, 970, 1132, 1213, 1261, 1567, 1579, 1596, 1686, 2183 Rotor response 600, 753, 2313 Rotors 39, 55, 125, 204, 209, 253, 259, 262, 263, 266, Seismic isolation 271, 277, 278, 279, 327, 334, 338, 341, 377, 379, 406, 445, 461, 465, 516, 517, 518, 591, 598, 640, 211 652, 656, 657, 658, 659, 660, 661, 662, 663, 716, 729, 730, 731, 732, 823, 825, 828, 829, 830, 831, Seismic response spectra 1976 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 846, 1002, 1046, 1047, 1048, 1049, Seismic response 1050, 1174, 1199, 1201, 1205, 1226, 1228, 12, 13, 15, 199, 294, 607, 796, 934, 983, 992, 1147, 1188, 1192, 1246, 1289, 1309, 1358, 1686, 1229, 1282, 1415, 1441, 1442, 1443, 1594, 1598, 1632. 1634, 1641, 1642, 1646, 1657, 1671, 1680, 1743, 1790, 1823, 1858, 1875, 1876, 2005, 2016, 2031, 2063, 2110, 2189, 2193, 2210, 2211, 2212 1811, 2154 Seismic tests 90, 215, 1756 Rotor-induced vibration Seismic 646 935, 1122, 1123, 1302, 1303, 1304, 1305, 1306, Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313

7

9

8

10

11

Issue:

3

4

5

Seismic (cont.) Shock isolation 1307, 1308, 1310, 1546, 1547, 1762, 1964 736, 1223, 1290, 1291, 1337 Self-excited vibrations Shock pulse method 694, 758, 822, 838, 842, 1038, 1634, 1806, 1906, 1144 2297 Shock response spectra Sensitivity analysis 368, 399, 910, 1101, 1136, 1170, 1628, 1776, 1783, 402, 746, 748, 912, 937, 1314, 1321 1784, 1977, 1978, 1979, 2116 Shock response 880, 1295 Sensors sensors 35, 235, 436, 512, 723, 810, 919, 991, 1002, 1101, 1102, 1150, 1214, 1295, 1503, 1537, 1623, 1625, 1838, 1848, 2010, 2038, 2194, 2197, 2198, 2199, Shock tests 339, 537, 733, 734, 735, 736, 922, 923, 924, 925, 926, 927, 1289, 1290, 1291, 1316, 1317, 1369, 1756, 1757, 1956, 1957, 1958, 1959, 1960, 2259 2201, 2202 Shaft vibrations Shock wave propagation 42, 327, 634 Shafts Shock wave reflection 4, 56, 203, 247, 259, 277, 279, 281, 401, 465, 1765 519, 534, 621, 631, 659, 665, 838, 839, 842, 844, 846, 849, 850, 851, 852, 853, 854, 855, 856, 1031, 1047, 1444, 1877, 2065, 2115, 2167, 2196 Shock waves 127, 780, 964, 1764, 1972, 2198, 2278 Shakers Shock SNOCK 505, 508, 541, 542, 637, 740, 741, 742, 743, 744, 745, 746, 747, 749, 786, 901, 936, 937, 938, 1210, 1311, 1312, 1313, 1314, 1315, 1318, 1319, 1320, 1548, 1763, 1764, 1829, 1889, 2287 2205 Shear modulus 316, 514 Signal processing techniques 1754, 2195 Shear strength 86 Shear vibration Signal-noise ratio Shear wave propagation Signature analysis 2135 337. 377 Shear waves Silencers 118, 478, 931, 983 1009 Shells of revolution 221, 705, 1097 Simulation 33, 339 Shells Sine-dwell technique 382, 392, 487, 488, 489, 490, 583, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 1753 Sine-wave excitation 888, 889, 890, 891, 892, 1056, 1085, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1154, 1751 Single degree of freedom systems 147, 154, 952, 1012, 1022, 1023, 1195, 1244, 1265, 1327, 1337, 1354, 1702, 1770, 1799, 1952 1259, 1260, 1261, 1470, 1471, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1720, 1721, 1722, 1791, 1909, 1910, 1911, 1912, 1913, 1914, 1957, 2066, 2091, 2092, 2229, 2230 Skew plates 567 Ships 21, 28, 30, 226, 260, 427, 428, 429, 430, 431, 614, 618, 619, 620, 621, 665, 992, 993, 1042, 1207, 1619, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 2033, 2034, 2035, 2190, 2191 SI abs 416 Shock absorbers Slamming 991 Shock excitation Slider bearings 139, 140, 151, 157 454, 455, 643, 1032 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313

Volume 19 Issue:

12

649, 117, 275 57, 296, 1279, 1323, 1436, 1690 Slip amplitude Sound transmission 81, 738, 2040, 2175 Slip Joints Sound waves 36, 81, 134, 914, 1070, 1114, 1197, 1240, 1242, 1370, 1524, 1540, 1677, 1831, 1845, 1896, 1928, 1934, 1942, 1972, 2004, 2232, 2248, 2267, 2271 837 Slip rings 270 Space shuttles 228, 919, 1819 Sloshing 80, 227, 1147, 1495, 1759, 1815, 1834, 2036 Space stations Snubbers 587, 589 43 Space structures 218, 219, 220, 419, 420, 421, 422, 507, 511, 512, 613, 801, 802, 803, 962, 987, 1172, 1611, 1612, Software 190, 340, 502, 535, 560, 572, 776, 804, 921, 1212, 1613, 2179, 2180, 2181 1312, 1334, 1368, 1534, 1582, 1794, 1854, 1992, 2246 Spacecraft equipment Soil compacting 398, 448 1348 Spacecraft Soil mechanics 227, 228, 229, 230, 297, 432, 589, 922, 994, 995, 605 1220, 1314, 1318, 2245 Spatial response 131, 214, 508, 509, 798, 1109, 1185, 1261, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1313, 1525, 1526, 1740, 2041 Spectrum analysis 301, 563, 789, 2056 Soil-foundation interaction 47 Spindles 910 Soll-structure interaction 13, 26, 150, 185, 187, 418, 582, 786, 1155, 1158, 1159, 1525, 1740, 1792, 2171 Spline technique 892, 2082 Solar arrays Springs 203, 211 220, 613, 2019 Solid propellant rocket engines Spring-mass systems Sommerfeld number Spur gears 255, 263 2053 Sonars Squeeze-film bearings 907 251, 458, 629, 631, 634, 635, 1427 Squeeze-film dampers 246, 247, 446, 457, 632, 633, 817, 1014, 1015, 1016, 1017, 1631 Sound analyzers 91 Sound attenuation Stability analysis 180, 379, 575, 576, 766, 767, 768, 957, 958, 1341, 1342, 1574, 1785, 2297, 2298 Sound power levels 2162 Stability methods 201, 397, 574 Sound pressure levels 5, 1069 Stabil Ity Stability
48, 54, 66, 71, 78, 83, 95, 148, 167, 179, 204,
253, 257, 259, 262, 263, 266, 269, 277, 290, 331,
422, 433, 462, 470, 476, 492, 543, 593, 639, 640,
661, 700, 758, 759, 763, 768, 782, 793, 795, 811,
828, 843, 848, 851, 865, 945, 946, 975, 1015, Sound pressure 2132, 2187 Sound propagation 141 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313

5

Sound transmission loss

Slider crank mechanisms

Stability (cont.) Storage tanks 1026, 1034, 1047, 1050, 1069, 1091, 1138, 1154, 1180, 1203, 1205. 1206, 1208, 1216, 1218, 1224, 1249, 1344, 1363. 1377. 1390. 1411, 1426, 1428, Strain analysis 1503, 1430, 1442, 1448, 1458. 1491, 1497. 1516. 1556, 1568, 1581, 1641, 1642. 1649, 1650, 1651. 1654, 1661, 1675, 1678. 1680. 1725, 1757, 1778. Strain frequency response functions 1781, 1818, 1835, 1870, 1892, 1915, 1919, 1927, 2009, 2071, 2079, 2087, 2092, 2093, 2097, 2151, 2160, 2168, 2180, 2192, 2210, 2225, 2229, 2265, Strain gauges 207, 235, 520, 621, 1190, 1383, 1625, 1840, 1850, 2037, 2199, 2200, 2201 2289, 2300 Stabilization Strain rate 1099 Standards and codes 10, 132, 787, 970, 2161, 2162, 2163 Strains 528. 733 State vectors 145 Stress analysis 173, 193, 234, 279, 323, 367, 520, 564, 600, 611, 625, 757, 788, 1054, 1078, 1104, 1106, 1159, 1166, Statics 567, 1260 1463, 1570, 2226 Statistical analysis Stress elements 44, 155, 750, 785, 1773 657, 1018 Statistical energy methods Stress functions 296, 1080 319, 710, 962, 1163 Stress Intensity factors 1923, 1985, 102, 120, 124, 195, 318, 490, 1089, 1175, 1515, 1523, 1583, 1733, 1736, 1933, 2104, Steady state response 61. 817 Steam turbines 254, 441, 822 Stress waves 502, 1526 108, 239, 322, 1269, 1273, 2174 Strings Stiffened beams 106, 107, 112, 313, 1501, 1915 Strouhal number Stiffened panels 58, 1810 579, 1250 Structural damping Stiffened plates 588, 647, 1082, 2097 777, 783 Structural design Stiffened structures 317, 424, 784, 785, 786, 959, 2138 475 Structural dynamics Stiffness coefficients 340 177, 216, 376, 779 Structural forms Stiffness effects 192, 510 391, 413, 504, 660, 1064, 1131 Structural members 22, 160, 371, 1265, 1940, 1984 9, 77, 83, 162, 176, 183, 198, 221, 381, 399, 555, 693, 756, 765, 788, 790, 791, 951, 963, 966, 1056, 1092, 1093, 1151, 1164, 1233, 1597, 1658, 1917, Structural modification techniques 23, 126, 567, 1101 1969, 1971, 1994 Structural resonance Stochastic processes 918, 2003 142, 368, 1123, 1131, 1132, 1133, 1173, 1339, 1511, 2270 Structural response 164, 212, 217, 295, 332, 359, 399, 533, 537, 544, 550, 573, 696, 734, 740, 786, 870, 924, 984, 1064, 1072, 1142, 1148, 1190, 1287, 1315, 1335, 1350, 1367, 1 Stochastic response 137 1367, 1459, 1483, 1564, 1565, 1585, 1602, 1619, Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19 10 11 12

Structural response (cont.) 1758, 1914, 1958, 1978, 2106, 2153, 2230 - T -Tanks (combat vehicles) 1369 Structure borne noise 96, 1529, 1903 Tanks (containers) 78, 1192, 1310, 2036 Structure borne vibrations 1150, 1944, 2067 Taylor series 172, 352, 399, 1112 Structures 152 Tel emetry Structure-foundation interaction 207 414 Temperature effects 453, 643, 644, 900, 1029 B60 Temporal finite element Subharmonic oscillations 635, 758, 800 Tensile strength Submarines 120, 1122 463 Tension data 500, 1100 Submerged structures Test equipment 32, 270, 528, 958, 1318, 1761 Substructuring methods 197, 198, 393, 398, 1139, 2133 Test facilities Substructuring techniques 227 586, 777 Test models Subsynchronous vibration 1857 BAB Testing techniques 135, 929, 1116, 2118 Subway rallways 2253 Textile spindles Superharmonic vibrations 835 946, 570 Textiles 84, 85 Supersonic aircraft 1829 Thermoel asticity 1521, 1588, 1712, 1790 Supports Three degree of freedom systems 992, 1955 Surface roughness 850, 1005, 1045, 1592, 1658, 1817, 2209 Tiles 1942 Surges Tilt pad bearings 253, 453, 1035 Suspension bridges 1064 15, 165, 226, 289, 358, 347, 418, 526, 798, 863, 993, 1144, 1160, 1286, 1747, 1792, 1961, 2117, 2189, 2264, 2280 Time domain method Symmetric structures 553, 1885 Synchronous vibration 590, 1022 Time integration method 577, 769 Tlmoshenko theory 288, 291, 471, 486, 585, 672, 996, 1163, 1233, 1236, 1386, 1450, 1454, 1881, 2065 System analysis 550, 711, 957, 1131 System Identification techniques Tires 326, 730, 2247 1544 Abstract Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19 12 Issue: 3 4 5 6 9 10 11

Tool s Transportation 6. 1537 Transverse inertia effects 463, 590, 637, 1440, 1629, 2006, 2049 Torsion bars Transverse shear deformation 63, 310, 471, 581, 685, 707, 709, 835, 888, 1053, 1083, 1507, 1667, 878 1021 Torsional oscillations 288 Transverse waves 1930 Torsional response 410, 795, 854, 1567, 1674 Transversely isotropic media 702 Torsional vibrations 138, 4, 45, 56, 72, 223, 281, 364, 591, 601, 638, 659, 856, 888, 943, 963, 1178, 1189, 1219, 1234, 1650, 1877, 2014, 2015, 2019, 2065 Trucks 433, 434, 805, 806, 1834, 1835, 2036, 2258 Trusses Towers 219, 385, 421, 572, 2138, 2218, 2219, 2254, 2302 25, 26, 221, 423, 494, 1193, 1614, 2182, 2183 Tubes 298, 314, 491, 492, 710, 821, 893, 894, 895, 1099, 1100, 1262, 1263, 1502, 1723, 1724, 1725, 1726, 1856, 1916, 1917, 1918, 1919, 1924, 2094, 2095, 2096, 2097, 2231, 2232 Track vehicles 996, 1208, 1620, 1621, 1622, 1831, 1832, 1833, 1835, 2192 Traffic noise 1540 Tunnels 1584 Transducers 233, 270, 401, 437, 438, 447, 454, 455, 807, 810, Turbine blades 811, 999, 1114, 1263, 1479, 1575, 1843, 1847, 1855, 1856, 1939, 2038, 2112, 2197, 2199, 2200, 2252, 2263 600, 1382, 2155 Turbine engines 445 Transfer functions 404. 1282 Turbines 204, 205, 206, 207, 208, 209, 406, 561, 597, 598, 599, 600, 601, 626, 977, 978, 979, 1383, 1384, 1858, 2016, 2017, 2110 Transfer matrix method 95, 289, 362, 556, 559, 609, 662, 701, 753, 824, 844, 859, 863, 873, 1246, 1884, 1905, 1912 Turbofan engines Transformation techniques 592 1585 Turbofans Transformers 244 237, 494 Turbogenerators 515, 599, 601, 719, 731, 732, 2313 Transforms 122 Turbomachinery 254, 462, 831, 1516, 2210 Transient analysis 1352, 2218 Turbul ence Translent response 15, 135, 166, 292, 302, 350, 445, 487, 543, 590, 615, 895, 928, 1084, 1300, 1354, 1446, 1548, 1884, 292, 427, 680, 795, 909, 1474, 1508, 1513, 1681, 1771, 1800, 1817, 1896, 1963, 2283, 2284 1887, 1994 Two degree of freedom systems 638, 763, 943, 1125, 1130, 1649, 1650, 1781, 2063 Transient vibrations 597, 839, 1444 Two microphone technique 908, 2242 Transmission lines 494, 1501 - U -

Ultrasonic techniques

Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313

5

297, 317, 522, 1005, 1737

10

11

Transmissivity

2

3

450

Abstract

Volume 19

Illtrasonic tests Velocity (cont.) 1374, 1431, 1476, 1489, 1514, 1519, 1529, 1637, 1672, 1757, 1889, 1896, 1923, 1932, 1946, 2099, 2134, 2152, 2156, 2206, 2227, 2243 Ultrasonic vibration 1502 Vertical vibrations 610, 1600 Unbalance mass response 341, 635, 833, 843 Vessels (ships) Uncoupling technique 1076 414 Vibrating structures 396, 1975 Underground explosions Vibration absorption (materials) Underground structures 225, 2032, 701 729, 892, 947, 974, 1045, 1134, 1139, 1255, 1284, 1375, 1447, 1532, 1637, 1780, 1809, 1951, 2007, 2054, 2113, 2114, 2190, 2223, 2228, 2257 Underwater explosions 1855 Underwater sound 141, 1124, 1144 Vibration control 23, 55, 219, 225, 420, 469, 631, 804, 814, 858, 1013, 1198, 1415, 1441, 1665, 1821, 1869, 2045, 2240, 2241 Underwater structures 614, 615, 960 Underwater tests Vibration dampers 493, 1862 965 Universal joints 281, 627, 628, 853 Vibration damping 506, 1022, 1705 - V -Vibration detectors 732 Valves 57, 58, 59, 466, 894, 1230, 1445, 1446, 1878, Vibration effects 1879, 1983 1071 Van der Pol method Vibration energy method 759, 1145, 1342 210 Variable amplitude excitation Vibration excitation 320, 322 2, 884, 2177 Variable cross section Vibration frequencies 131, 872, 899, 1244 1662, 1726 Vibration isolation 424, 818, 1181, 1336, 1638, 1995 Variational methods 63, 456, 1465 Vector network model Vibration measurements 879, 1000, 1004, 1849, 2002, 129 557 Vehicle response Vibration monitoring 988, 1292, 1293, 1322, 1336, 2260 653, 722, 1288, 1849, 2167 Velocity control Vibration response 386, 561, 626, 917, 1082, 1127, 1165, 1329, 1414, 1415, 1429, 1463, 1494, 1536, 1611, 1612, 1661, 1705, 1754, 2239 427 Velocity measurement 292, 624, 749 Velocity ratio parameter Vibration tests Vibration tests 243, 323, 328, 340, 341, 530, 531, 538, 539, 540, 605, 737, 764, 928, 929, 989, 1119, 1120, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1366, 1369, 1419, 1539, 1758, 1759, 1760, 1761, 1823, 1961, 2069, 2119, 2120, 2121, 2122, 2172, 2260, 2261 1038 Velocity 258, 280, 603, 619, 666, 717, 827, 855, 856, 943, 980, 987, 1014, 1036, 1050, 1062, 1067, 1111, 1112, 1128, 1201, 1207, 1313, 1315, 1316, 1331, Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

Vibration Vortex shedding (cont.) Vibration 248, 290, 310, 313, 329, 401, 405, 406, 407, 408, 411, 421, 441, 448, 467, 468, 486, 491, 507, 513, 526, 529, 560, 575, 613, 668, 675, 791, 793, 809, 820, 832, 834, 840, 851, 871, 891, 967, 1116, 1321, 1322, 1371, 1376, 1406, 1407, 1423, 1457, 1501, 1545, 1639, 1652, 1671, 1707, 1721, 1832, 1898, 1907, 2006, 2012, 2030, 2079, 2082, 2109, 2110, 2125, 2166, 2213, 2225, 2273 1817, 2094, 2095 Vortex-induced vibration 19, 1194, 1549, 1679, 1888 Walls 296, 609, 1070, 1449 Vibratory stresses 1178 Water hammer 894, 1230 Vibratory techniques 142, 679, 711 Water pipelines 1473 Vibratory tools 812 1390, 1546, 1569, 1602, 1605, 1606, 1834, 2023, Vibroacoustic response 2148 229 Wave diffraction Vibro-impact systems 28, 1395 Wave energy Viscoelastic damping 218, 219, 228, 229, 230, 297, 323, 511, 514, 579, 588, 873, 1176, 1611, 1612, 1613, 1801, 1801, 2288 1394 Wave equation 1326 Viscoelastic half space 1717 Wave excitation 30, 430, 598 Viscoelastic materials 413, 426, 450, 489, 507, 539, 801, 802, 890 Wave forces 29, 428, 800, 1894, 2026 Viscoelastic properties Wave guides 723 Viscoelastic 510, 512, 1110, 1527, 1936, 2239 Wave hammer 747 Viscoel asticity 60, 324, 360, 381, 421, 504, 707, 866, 1021, 1053, Wave loads 1085, 1109, 1278, 1463, 1494, 1520, 1527, 1633, 1669, 1898, 1900, 2051, 2077, 2147, 2150, 2294 1395 Wave numbers Viscoplastic materials 478, 698, 766, 1682, 1902, 1929, 1942, 2106 488 Wave propagation 29, 31, 105, 118, 165, 181, 288, 299, 324, 414, 431, 477, 497, 682, 706, 718, 914, 1109, 1124, 1257, 1258, 1278, 1303, 1352, 1386, 1455, 1512, Viscoplastic properties 1936 1524, 1526, 1540, 1545, 1673, 1676, 1872, 1928, 1972, 1982, 2048, 2089, 2102, 2173, 2232, 2241, 2248, 2262, 2278 Viscosity effects 1426 Viscosity 123, 206, 264, 430, 453, 574, 695, 773, 840, 895, 1013, 1393, 1654, 1676, 1704, 1705, 1819, 2136, 2186, 2208, 2281 Wave properties 1831 Wave radiation Viscous damping 70, 211, 224, 247, 319, 386, 448, 475, 489, 532, 544, 549, 630, 647, 716, 837, 856, 1547, 2117, 350, 2267 Wave reflection 2295 389, 501, 1221 Vortex amplifiers Wave transmission Vortex shedding Wav egu i des 58, 155, 298, 491, 620, 1066, 1076, 1399, 1401, Numbers: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313 Volume 19

4

3

5

7

8

9

10

11

Weapons effects 339, 1182

Wear 5, 6, 464, 541, 641, 650, 1728, 2022, 2096, 2111, 2233

Welding 524

Wheels 224, 448, 467, 468, 1661, 1833

Whirling 106, 107, 244, 256, 379, 491, 516, 640, 823, 830, 834, 838, 846, 958, 1228, 1642, 2011, 2058, 2211

Whole body 241, 438, 1008, 1407, 1626

Wind forces 133, 233, 970, 1614

Wind loads 494, 697 Wind tunnel testing 813, 932, 1397, 1401, 1402, 1763, 1820

Wind tunnel tests 1616

Wind tunnels 427, 773, 1179, 2187, 2193

Wind turbines

Winkler foundations 214, 300, 1260, 1620, 1633, 1668

Wood 861

- Y -

Yaw angle 434, 1401

- Z -

Z-transform 955

Abstract
Numbera: 1-200 201-402 403-589 590-787 788-970 971-1175 1176-1370 1371-1589 1590-1801 1802-2002 2003-2163 2164-2313
Volume 19
Issue: 1 2 3 4 5 6 7 8 9 10 11 12

